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5157
Spring

1929



GALLOWAY LITHO CO. ST.
MADE IN U.S.A.
N.2

WILSON S. BROWER

COMPANY, INCORPORATED

SUCCESSORS TO

MUZZY BROTHERS

89 VAN HOUTEN ST.

ESTABLISHED 1835

Paterson, N. J.

SHERWOOD 1388

SPECIAL NOTICE



OUR Aim is to sell the Best Seeds Obtainable. We give no warranty, expressed or implied as to description, purity, quality, productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned, and money refunded. **NOT TESTED SEED.** So marked to comply with chapter 228, Laws N. J., 1916

WILSON S. BROWER COMPANY, Inc.
Successors to

MUZZY BROTHERS

SEED AND AGRICULTURAL WAREHOUSE

89 Van Houten Street

Paterson, N. J.

PRICES SUBJECT TO CHANGES WITHOUT NOTICE

Special Notice to Market Gardeners

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

To Our Friends And Customers

It has always been our aim to keep abreast of time and to adapt our organization and methods of business to the ever changing needs of the farmers and growers. We pride ourselves on being permitted to conduct one of the oldest **SEED HOUSES** in the State, and in placing our services at the disposal of our customers. We do so with confidence in our ability to give every satisfaction.

Sincerely,

PRESIDENT



CLIFTON PRESS, INC.



MME. EDOUARD HERRIOT (CORAL RED)

Columbia. Lively bright pink.

Crimson Queen. Velvet red.

Etoile de France. Crimson Red.

Francis Scot Key. Deep even Red.

George C. Waud. Orange red Vermillion.

Lady Alice Stanley. Carol Pale Flesh Pink.

Los Angeles. Luminous Flame Yellow Pink.

Madam Butterfly. Yellow Pink.

Madam Jules Bouche. Pearly White.

Radianee. Light Silvery Flesh Pink.

Get Our List of Over 50 Varieties to Choose From

GLADIOLUS

Alice Tiplady. A splendid bright orange saffron, good, large flowers.

America. Color, soft lavender-pink. More flowers are open at one time on the symmetrical spike of this Gladiolus than any other.

Baron J. Hulot. The best deep blue; deep violet-blue with many open flowers on tail spike.

Empress of India. Deep burnt lake, shading to a Bordeaux. Lower petals are Bordeaux red and have a white stripe in center and a white carmine throat.

Halley. Salmon pink with a slight tinge of rose. Creamy blotch on lower petals with bright red stripe through center.

Le Marshall Foch. Very pale pink, self-color except for small old rose stripe on lower petals.

Niagara. Primrose-yellow striped and splashed with bright pink. Large flowers on good strong spike. A favorite sort.

Mrs. Francis King. Jasper red, lower petals splashed deeper red, throat lighted.

Peace. White with pale violet feathering on lower petals. Very large flowers well placed on a tall graceful spike. Should be planted early.

Panama. Rich rosy pink. Large fine flowers.

Schwaben. Very vigorous and free flowering. Color clear, canary-yellow shading to sulphur yellow when open.

Independence. Salmon shading to yellow.

Mary Pickford. An extraordinary flower of the most delicate white with throat of soft sulphur yellow.

War. A magnificent, dark variety with tall spikes well filled with large flowers of a rich blood red shaded with crimson black.

We Carry Many Other Varieties Not Mentioned Here

Roses

Two Year Old

Field Grown
Ever-Blooming
Rose Bushes

Special
50c ea.; \$5 dz.

Popular Named
Varieties Such as
the Following
Listed

Betty—Coppery Rose
La France—Bright Pink
Mrs. Aaron Ward—
Indian Yellow
Gorgeous—
Orange Yellow
Wm. R. Smith—
White Pink
W. Killarney—
Rosy White

Glorious Cannas

Most Popular and Brilliant of All Summer Bedding Plants

Red Shades with Green Foliage

THE PRESIDENT. The finest red Canna, enormous individual flowers.

MADAM CROZY. Vermillion scarlet with narrow edge of bright yellow, 3½ feet.

**Yellow Shades with Green
Foliage**

HUNGARIA. Most popular pink variety, large flowers of deep rose borne on enormous trusses, height 3½ feet.

ORANGE BEDDER. Beautiful bright orange, suffused with scarlet, very attractive.

**Pink Shades with Green
Foliage**

MRS. ALFRED CONARD. Very fine salmon pink. Well formed truss, 4 feet.

Bronze Leaved Varieties

BRONZE FOLIAGE YELLOW KING HUMBERT.

Another beautiful sport of King Humbert with all of its fine qualities. Light bronze foliage with large orange flowers, height 4 feet.

KING HUMBERT. The most popular Canna of all. Orange scarlet flowers with purple foliage, 4 feet.

WYOMING. Fine orchid flowering variety, large orange colored flowers with purple foliage, height 3 feet.

**White and Cream With Green
Foliage**

MONT BLANC IMPROVED. Almost white, large flowers, 3½ feet.

Tuberoses

Dwarf Double Pearl. 6-8 inch.
Dwarf Double Pearl. 4-6 inch.

BULBS HARDY LILLIES

LILIUM TIGRINUM

Tiger Lily

LILIUM RUBRUM

Pink Spotted, with white margin.

LILIUM ALBUM

Pure white. Used both for forcing and outside planting.

LILIUM AURATUM

Golden Banded. Favorite hardy Lily for outside planting.

CALADIUMS

(ELEPHANT'S EARS)

There is always a popular demand for these highly decorative tropical plants

Caladium Esculentum, 7-9"

Caladium Esculentum
9-11"

Caladium Esculentum
11-13"

AMARYLLIS EQUESTRE

(Hippeastrum)

Makes a Fine Pot Plant

PEONIES

Pink White Red

DAHLIAS

JERSEY'S BEAUTY. The sensational dahlia of a decade. A grand color, a beauty for cutting. It is a large, perfectly formed flower, of a clear erosine pink, held upright on a long wiry stem over a well-branched bushy plant.

MRS. I. DE VER WARNER. This exquisitely beautiful blossom of soft orchid, or rich rosy mauve, is one of the most admired and best of all cut-flower dahlias that we have grown.

JACK ROSE. The best crimson for garden or cutting; that brilliant crimson red that made the "Jack" Rose popular and suggested the name.

QUEEN MARY. A grand decorative that has proven its worth as the best deep pink for all purposes. The size is large, full high center, even up to November, when killed by frost. Color clear silvery cerise pink.

YELLOW COLOSSE. Clear canary yellow of fine form and produced freely on long stems. The plant is a strong, vigorous grower with luxuriant lace like foliage.

SYLVIA. Deep pink, tinting to light pink at the center. Golden yellow suffused orange.

MAUDE ADAMS (show), blush white, tipped mauve pink; continuous and abundant bloomer, excellent for cutting.

JUDGE MAREAN (dec), glowing salmon pink, blended with iridescent orange yellow and gold; large flowers and strong, tall stems.

PRIDE OF CALIFORNIA. One of the largest free blooming red decorative. Large flower on a very strong stem.

JOHN BOWMAN. Large decorative yellow; one of the leaders in its class of color; free bloomer and strong grower.

RED CROSS. Decorative. Red and white, variegated. Strong straight stem, and always an attraction wherever shown.

F. A. WALKER. This variety is one of the best lavender decorative dahlias, continuous and abundant bloomer.

WE CARRY HYACINTHS, TULIPS, DAFFODILS, PAPER WHITE NARCISSUS, AND MANY OTHER BULBS IN SEASON.

SPECIALTIES FOR 1929

TOMATO

MARGLOBE. This new main-crop or midseason tomato is a wilt-resistant variety bred for use in disease infected districts. In addition to being wilt-resistant, it is a handsome deep red globe shaped tomato of great merit. The plants are vigorous and productive and the fruits are quite large. In our trials they averaged $7\frac{1}{2}$ ounces in weight. The flavor seems to be a happy medium between the acid and non-acid sorts. The shape and size of the fruits makes this a very desirable salad or slicing tomato and the color and quality seem ideally fitted for canning. 1 oz. 90c; $\frac{1}{4}$ lb. \$3.00.

LETTUCE

NEW YORK or LOS ANGELES. This is the variety used almost exclusively in our markets and is grown on an immense scale. The variety is deep green, but when prepared for the table the head is almost white and very crisp. It thrives in cool weather and is not recommended for the house garden in mid-summer. The proper name for the variety is **NEW YORK**, under which name it was introduced into America years ago, and in ordering, customers should use this name to get the true variety. We have an excellent and highly developed strain of it which is used in large quantities by the big shippers. For garden culture, sow the seed thinly and thin the plants when in the fourth leaf to at least twelve inches apart. This will seem like a wide distance, but to make solid heads, the plants need plenty of room. The soil should be well fertilized and irrigated. 1 oz. 45c; $\frac{1}{4}$ lb. \$1.25.

WHITE BIG BOSTON (Special). It resembles the Big Boston in appearance, with leaves a trifle smoother than most varieties of White Boston and which do not turn red in cool or cold weather. The head and frame is just as large as is possible to produce; it will cut as many crates per acre as the regular Big Boston. The fact that it does not turn red in cool weather makes it a most valuable shipper for it often brings 50 cents per crate more than the Big Boston. The commission men are always anxious to get hold of a good stock of well grown White Boston. This is the type to grow to please them. It is an exceptionally fine variety for growing under cold-frames or for the first planting outside in the spring. 1 oz. 75c; $\frac{1}{4}$ lb. \$2.50.

BEETS

EARLY WONDER. Roots are of globe shape with small top and the color of the flesh is deep blood red slightly zoned. Quality is excellent. May be used for both early and late plantings. 1 oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

CAULIFLOWER

DRY WEATHER. Very similar to Danish Giant, and as its name implies is especially adapted to those sections which experience long seasons of hot, dry weather. 1 oz. 3.50.

SNOW BALL (Catskill). One of the finest strains of Snow Ball Cauliflower. Very early. 1 oz. \$2.50; $\frac{1}{4}$ lb. \$8.00.

SPINACH

VIRGINIA SAVOY—The Blight or Yellows Resistant Savoy Spinach. For many years growers of spinach around Norfolk have lost considerable money each season because of a disease in spinach commonly called "Spinach Blight," which often destroys whole crops. Several years ago the Virginia Truck Experiment Station at Norfolk began experiments to get rid of this disease, and after six years of hard work succeeded, by hybridization, in breeding a spinach that was practically "Blight Resistant," and which we have named Virginia Savoy. This variety should be used in preference to ordinary Bloomsdale Savoy in sections where "blight" is prevalent. Oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 75c.

PRINCESS JULIANA. This improved late seeding spinach is one of the best varieties for spring sowing, as it is of splendid quality, very productive and slower to shoot to seed. The leaves are savoyed and quite dark in color. 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 75c.

Novelties

CHOICEST STRAWBERRIES

HOW TO GROW AND ENJOY THEM

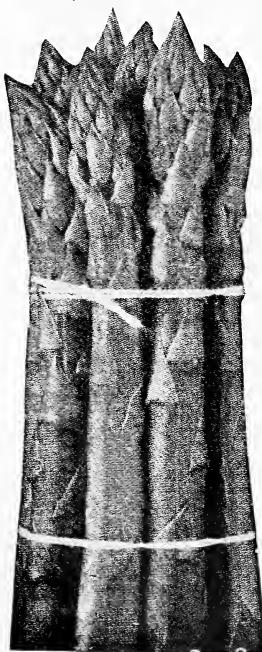
There should be room in even the smallest garden for a Strawberry bed. Considering the ease with which these most delicious fruits can be grown in almost any soil throughout the season, with the help of the everbearing varieties, the gardener who is not growing them is depriving himself of a genuine succession of delights.

Strawberries give the greatest yield and the largest berries when grown in rich soil; hence no pains should be spared in preparing the bed carefully before planting, by digging or plowing deeply, and turning under, a liberal supply of well-rotted manure. At fruiting-time a top dressing of ground bone will be beneficial.

Strawberry plants should be set out in rows 2 feet apart and the plants a foot apart, cutting off all runners as they appear. For field culture the rows should be $3\frac{1}{2}$ feet apart, then cultivation can be made with horse and hoe harrow. The varieties we offer are all perfect flowering and therefore need no association with any other variety for perfect fruiting. **Price on Application.**

Pedigreed Mary Washington

THE BEST HIGH PRODUCING, TENDER,
GREEN ASPARAGUS FOR MARKET
AND HOME USE



There is no variety of asparagus as good as the Washington and no strain of the Washington near as good as the "Mary."

The Washington stock is all descended from the male Washington and most of the seeds and roots of this variety now available commercially are descended from the female Martha and other unnamed females. The female "Mary," however, like the male Washington, is the greatest find in the history of asparagus breeding. There is no other progeny descended from the male plant Washington that compares with the "Mary."

It is earlier, produces more, has larger stalks, possesses highest rust resistance and will net a great deal more money per acre.

"Mary" is recognized as the best and we are pleased to announce that we can now offer you selected roots grown from the seed of this superior asparagus, produced from a fine field of second generation Mary Washington.

The very recent descent from the Washington male and "Mary" female places an extremely high value upon our stock of roots, the importance of which should not be overlooked by any one desiring the best.

"Mary" is so much better you can see the difference."

Prices on Roots

	Per 50	Per 100	Per 1,000
TWO YEAR OLD	\$1.75	\$3.00	\$23.00

WILSON S. BROWER COMPANY, Inc.

Successors to

MUZZY BROTHERS'

ANNUAL

Seed Catalogue

FOR 1929

Prices Subject to Change.

It is our endeavor to maintain the prices quoted in this Catalogue throughout the season, but owing to the present very unsettled conditions they are subject to change without notice.

Wilson S. Brower Co., Inc., give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, not tested seed so marked to comply with Chapter 228, Laws of N. J., 1916.

ARTICHOKE

German, Artichocke; French, Artichaut; Spanish, Albachofa.

	Pkt.	Oz.
French Globe	\$0.10	\$1.25
The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.		
Jerusalem Artichoke, Tubers		

ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

Pkt. 5 cents

	Per oz.	1/4 lb.	Per lb.
Conover's Colossal .....	.15	.40	1.00
Palmetto, a light green variety .....	.15	.45	1.25
ROOTS			
Roots Palmetto, 2 years	Per 50	Per 100	Per 1000
Roots Mary Washington, 2 years	1.00	1.50	12.50
Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.	1.75	3.00	23.00

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.

BEANS

10 cents Pkt.

German, Gartenbohne; French, Feve de Marais; Spanish, Hava.
English or Broad.

Broad Windsor 1 lb. \$0.50 2 lb. \$0.95

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

Bountiful, Extra Early. Very prolific and long bearing. Flat green pods, tender and stringless. **Shortage.**

Valentine Black, long round, green, solid pod, very early. 1 lb. 40c; 2 lbs. 75c; 10 lbs. \$3.50.

Valentine, Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Valentine, Early. Productive, tender and of excellent flavor. 1 lb. 40c; 2 lb. 70c; 10 lb. 3.00.

Beans, French's Horticultural. These are a late sort, usually listed under the Dwarf, Green Podded variety, but they are between a bush and a pole bean, having some runners but do not require poling. Pods are 7 to 8 inches long, and in the green stage can be used for a snap bean, and later as a shell bean. The pod is splashed with red. 1 lb. 50c; 2 lb. 90c; 10 lb. 4.00.

Burpee's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

Refugee or Thousand to One. (Late variety.) The pods are round and full, stringless and of fine quality. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

DWARF LIMA AND DWARF WHITE BEANS

Burpee's Improved Bush Lima. Beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. 1 lb. 45c; 2 lb. 85c; 10 lb. \$3.75.

Fordhook Bush Beans. 1 lb. 65c. **Shortage.**

White Marrowfat, grown for sale in the dry state. 1 lb. 30c; 2 lb. 50c; 10 lb. 2.50.

DWARF WAX VARIETIES

Improved Kidney Wax Beans. Semi-round-pod. Very prolific and stringless. Far superior to Golden Wax. 1 lb. 45c; 2 lb. 80c; 10 lb. 3.50.

Sure Crop Stringless Wax. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Round Pod Kidney Wax, same as Wardell's, only round pods. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.50.

Wardell's Kidney Wax, extra early, long flat pods, very productive. 1 lb. 45c; 2 lb. 80c; 10 lb. \$3.50.

NOTICE—Due to the poor growing season there is a shortage of Beans.



BEANS—Dwarf Wax Varieties, Continued

	1 lb.	2 lb.	10 lb.
Curries Rust Proof , very early and prolific. The pods are long, full, stringless; of very fine quality .....	.45	.85	\$4.00
Davis' White Wax , beans pure white; pods yellow, flat, tender, rich .....	.40	.75	\$3.50
Golden Wax . This valuable variety is about ten days earlier than the black wax pods, large, long semi-round, brittle, stringless .....	.40	.75	\$3.50
Blossoming time sends up a tendril a foot longer than vein which drops off.			
Hodson Wax , very large, tender, pods stringless, very productive .....	.40	.75	\$3.50

BEANS, Pole or Running Varieties

Challenger Lima . Potato variety, five and six in a pod .....	.45	.80	\$3.50
King of Garden Lima . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop .....	.45	.80	\$3.50
Large White Lima . 9 greatly esteemed variety .....	.40	.75	\$3.25
Kentucky Wonder, or Homestead Extra Early . Pods long, tender and good flavor, very productive .....	.40	.75	\$3.25
Scarlet Runner . Beautiful scarlet flowers; for ornamental and table use .....	.45	.80	\$3.50
Beans, London Horticultural, Pole . This is a late green shell bean. The leaves are light colored, pods are about 5 inches long and are light green when young but take on a more yellowish appear spotted with red as they grow older .....	.45	.80	3.50
Early Golden Cluster . Bright yellow pods, stringless, in clusters..	.40	.70	\$3.00
Yard Long, French . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem; should be grown on pea bush	1.25		

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

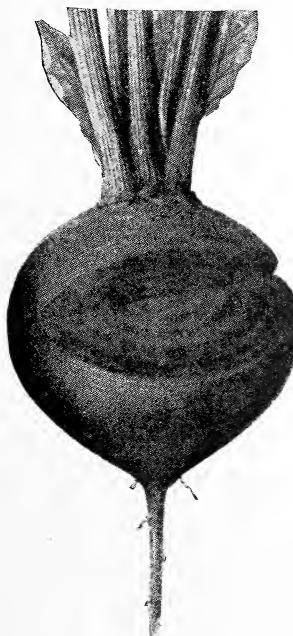
BEETS

German, Runkelrub; French, Bourrache;
Spanish, Remolacha.

Detroit Dark Red (Special). A splendid beet for market or home use, of a deep color, tender and of delicate flavor.
Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25

Dark Red Egyptian Crosby's (Special). The earliest beet in cultivation, color deep crimson; of excellent quality.

Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25



DETROIT DARK RED BEET

BEETS—Continued	Per oz.	1/4 lb.	Per lb.
Extra Early Eclipse. Very early, good size.....	.15	.40	\$1.00
Early Blood Turnip. Standard early sort, an excellent .....	.15	.40	\$1.00
Dewings Blood Turnip. Of fine form and flavor .....	.15	.40	\$1.00
Earl Wonder. (See Specialties) Globe Shaped .....	.15	.50	\$1.50
Long Smooth Blood Red. An excellent late variety .....	.15	.40	\$1.00
Swiss Chard. Used for its leaves, which are cooked as Spinach	{ See page 28 }	.15	\$1.25
Swiss Chard Lucullus			

MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

Special Price in Quantities

	1 oz.	1/4 lb.	1 lb.
Mammoth Red Mangel-Wurzel. Producing roots of mammoth size, very regular, and with a small top.....	.10	.25	.75
Long Yellow Mangel-Wurzel. Good for general crop .....	.10	.20	.65
Giant White 1/2 Sugar Beet. Extensively grown for feeding stock and manufacture of sugar .....	.10	.25	.75
Lane's Improved Sugar Beet. Improved variety of the French Sugar Beet, obtained by careful selection in this country .....	.10	.25	.75

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

BORAGE

10 cents Pkt.

German, Borritch; French, Bourrache; Spanish, Beraja.

	Per oz.	1/4 lb.	lb.
Borage , used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower .....	.30	.80	\$3.00

BROCCOLI

10 cents. Pkt.

German, Spragel Kohl; French, Chou Brocoli; Spanish, Broculi.

	Per oz.	1/4 lb.
Calabrese (Imported Italia)	\$2.50	\$7.50
Purple Cape , differing from the preceding color, greenish purple	\$0.50	\$1.50
White Cape	\$0.50	\$1.50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July; and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

BRUSSELS SPROUTS

10 cents Pkt.



German, Sprossen-Kohl; French, Chou de Bruxelles; Spanish, Breza de Brussels.

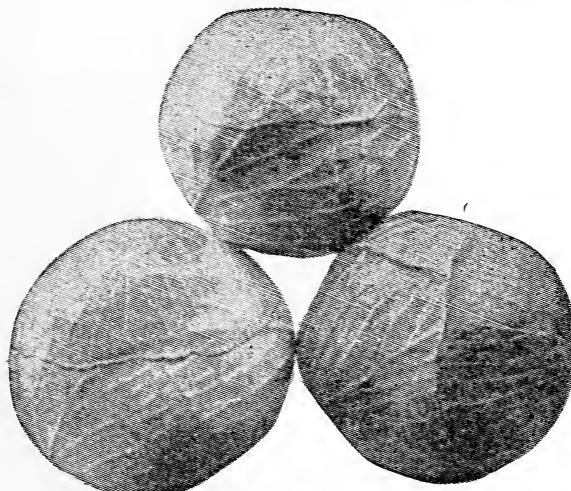
Dalkeith Dwarf Improved, a variety producing compact sprouts of excellent quality. Pkt. 10c; Oz., 50c; $\frac{1}{4}$ lb., 1.50.

A tender, delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

CABBAGE

10 cents Package, except quoted otherwise.

German, Kopfkohl; French, Chou; Spanish, Berza de Pepollo.



COPENHAGEN MARKET

	1 oz.	$\frac{1}{4}$ lb.	1 lb.
Copenhagen Market. The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed.	.50	1.40	4.75
Enkhuizen Glory. Large, early, white, solid, ball shaped heads .....	.40	1.10	3.75
All Seasons, fine variety, for second early or late growing, good size ....	.25	.85	3.00
Early Jersey Wakefield. The leading variety for market, very early, of medium size, good quality, sure to head ..	.40	1.10	3.50
Charleston Wakefield. Large strain of the above .....	.30	1.00	3.50
	.25	.75	2.50
	.40	1.10	3.50
Large Late Drumhead. An excellent fall and winter variety, grows to a large size	.25	.85	3.00
Larfie Late Flat Dutch. The most popular variety for late cultivation .....	.35	1.00	3.25
Mammoth Red Rock. Used almost exclusively for pickling .....	.50	1.50	5.00
Drumhead Savoy (American). The largest heading sort, of excellent flavor ...	.50	1.50	4.00
Golden Acre. An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage	1.00	3.50	12.00
Chinese (Pe Tsai) .....	.25	.85	3.00
L. I. or Hudson Red .....	.50	1.50	5.00
Earliest R. I. Red .....	.45	1.50	4.75
For very early use plant in the autumn from 10th to 25th September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.			

CARROT

All 5 cents Package

Except Quoted Otherwise.

German, Mochern; French, Carotte.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

Early Scarlet Horn. Old and favorite sort, much esteemed for early summer, oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

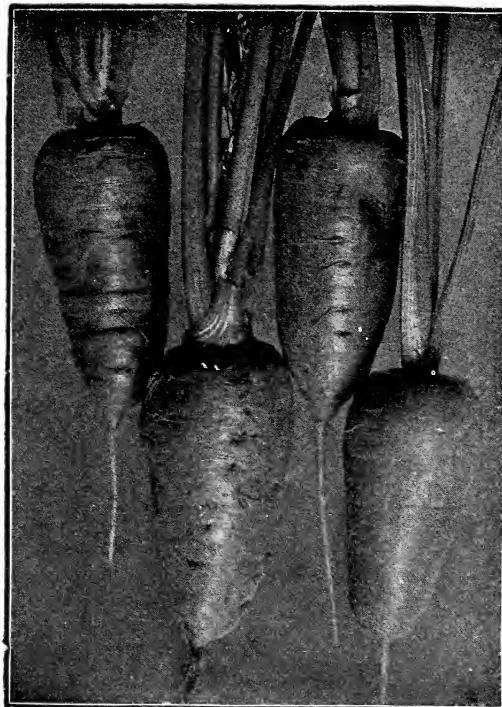
Half Long Danvers (Special). A variety intermediate in size and period of maturity between the preceding and the Long Orange, oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Half Long Chantenay (Special). Like Nantes, broader shoulder, oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Half Long Stump Guarande or Oxheart.

Half Long Stump Nantes

Long Orange Improved. Roots of large size, equally adapted for garden or farm culture



DANVERS CARROT

	Per oz.	$\frac{1}{4}$ lb.	lb.
	.15	.35	1.00
	.15	.35	1.25
	.15	.30	1.00

CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

Extra Early Paris. This is one of the earliest and best varieties, heads large, white and compact, of fine quality. Pkg 10c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Large Early Snowball. Best for forcing under glass or open ground. Pkg 25c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; 1-oz., \$3.00; $\frac{1}{4}$ lb., \$8.50.

Early Dwarf Erfurt. Best for forcing. 1 oz., \$2.50; $\frac{1}{4}$ lb. \$8.00.

Early London. Pkt., 15c; 1-oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Denmark, Special Large Late. Very fine variety, large white, compact heads, the space necessary between plants is greater than other varieties. Pkt. 25c; $\frac{1}{4}$ oz. 1.25; $\frac{1}{2}$ oz. 2.00; 1 oz. \$3.00; $\frac{1}{4}$ lb. \$9.00.

Danish Giant or Dry Weather. 1 oz. 3.50; $\frac{1}{4}$ lb. \$10.00.



EARLY SNOW BALL CAULIFLOWER

Early Snow Ball (Catskill). The finest strain of Snow Ball Cauliflower. Very early. 1 oz. \$2.50; $\frac{1}{4}$ lb. \$8.00.

CAULIFLOWER—Continued

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

CELERY

10 cents Package, except quoted otherwise.

German, Celery; French, Celery; Spanish, Aphi.

		Oz.	1/4 lb.	lb.
Golden Self-Blanching. American Strain. Very choice. Standard early variety	Pkt. 10 cents	.65	2.25	6.00
Giant Pascal. Stalks very large, thick and crisp.	.50	1.75	5.00	
Golden Self-Blanching. French Strain. Similar to White Plume; much larger in growth. Solid, best variety in market. Pkt. 15 cents	.90	3.50	8.00	
White Plume. Requires very little banking.	.50	1.50	5.00	
Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens	.20	.60	1.75	
Boston Market. An excellent dwarf, growing white variety	.40	1.25	4.00	
Celery Seed for Flavoring	.10	.20	.65	

CELERIAC
KNOB-CELERY

10 cents Pkt.

German, Knob-Celeri;
French, Celery Rave.

Giant Prague. For soups, etc. When sliced and cooked makes good winter salad. Oz., 40c; 1/4 lb., 1.25; 1 lb., 3.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

CHERVIL

Package 10 Cents

German, Bisenlauch; French, Cerfeuil;
Spanish, Cerafolio.

Curled Per. oz., 15c

The young leaves are used in soups and salads. Sow thinly in May, in drills of an inch deep, one foot apart.



CELERY

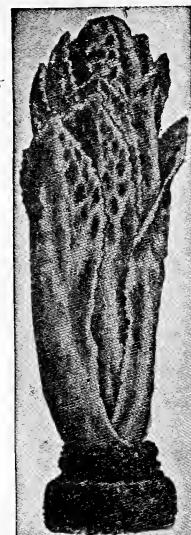
CHICORY

Pkt. 10 Cents.

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Oz. $\frac{1}{4}$ lb. 1 lb.

Common. This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin" .....	.40	1.00	3.00
Large Rooted. Used to mix with or a substitute for coffee. The young leaves sprouted from year old roots are excellent as a salad .....	.20	.60	1.75



CRESS

Except Quoted Otherwise.

German, Kress; French, Cresson; Spanish, Masturoz.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Curled Cress or Peppergrass .....	.15	.40	
Water Cress	Pkt. 10c	.55	1.75

Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

CORN SALAD OR FETTICUS

Pkt. 5 Cents.

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla.



Large Seeded

WHITLOOF
CHICORY

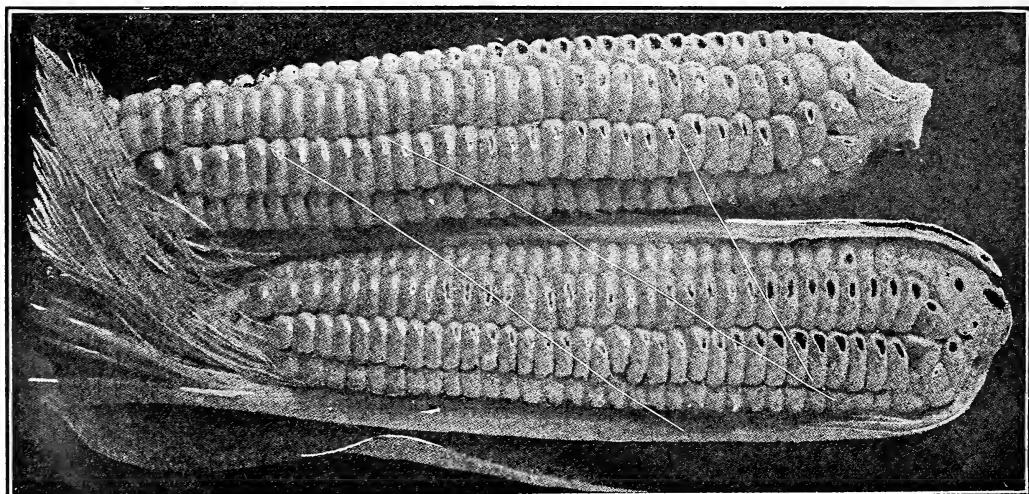
Per oz. $\frac{1}{4}$ -lb. lb.
.20 .60 1.75

Corn Salad, Fetticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

CORN---Sweet

Pkt. 10 Cents.

German, Zuker, Welshkorn; French, Mais de sucre; Spanish, Maiz de Azucar.



CORN—Continued

EXTRA EARLY VARIETIES

We Have a Choice Collection of Ears in Stock, Each Ear Wrapped, from 10c Up

Special Price in Quantity Lots

	Ear	1-lb.	5-lb.	10-lb.
Golden Rod Early Yellow. Very sweet .....		.40	1.50	2.75
Golden Bantam Extra Early. Yellow, very sweet and tender .....		.40	1.40	2.60
Early White Cory. Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs. ....		.35	1.50	2.75
Mayflower. White .....		.40	1.40	2.60
Surprise Early. White .....		.40	1.40	2.60
Whipples Yellow .....		.40	1.50	2.90

SECOND EARLY OR INTERMEDIATE

Golden Evergreen. Yellow .....	.40	1.40	2.75
Early Champion. Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....	.35	1.40	2.50
Howling Mob. Only 5 days later than Cory. The grains are much whiter and sweeter; ears large sized and uniform .....	.35	1.50	2.75
Long Island Beauty Early. Excellent, medium early, large size, sweet .....	.35	1.50	2.75
Early Mammoth. Large second early.....	.35	1.50	2.75

GENERAL CROP AND LATE

Stowell's Evergreen. A late variety, of excellent quality, remaining longer in the green state than any other; general crop .....	.35	1.50	2.75
Bantam Evergreen .....	.40	1.50	2.75
Mammoth Sugar. A late variety of large size, very sweet and immensely productive. A leading variety.....	.35	1.40	2.50
Country Gentleman. The sweetest and most tender of all sweet corn, late crop .....	.35	1.50	2.75
Sweet Fodder. For ensilage		Price on Application	

FIELD CORN

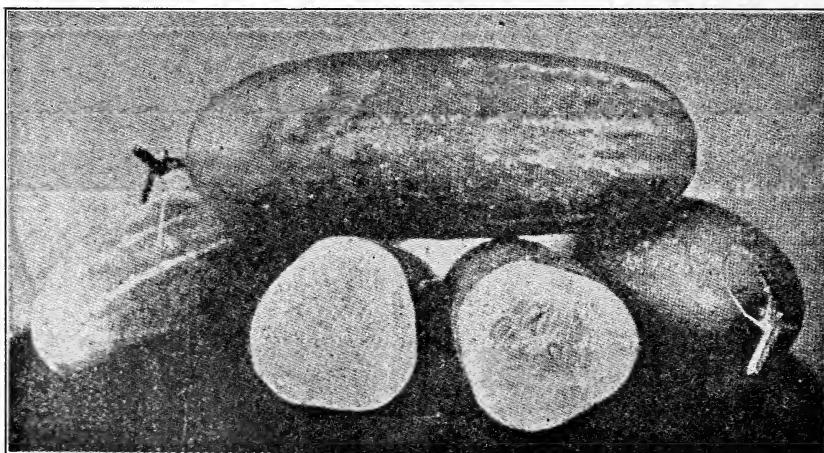
8 Cents Ear, 48 Pounds Bushel Ears

Mastodon Dent. Very early, strong growing...	Dent Varieties	Price on Application	
Leamings Yellow. (Dent) early			
Early Canada. Yellow kernels	Flint Varieties		
Large Yellow Flint			
Large White Flint		Price on Application	
Southern Horse Tooth. For fodder.....			
Eureka White Dent, for ensilage, 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days. See Novelties.....			

Bunching Twine. For bunching carrots, beets, radish, etc. Has 50-2 ply ends. On reels of about 50 lbs. (Extremely low price to market gardeners).

CUCUMBERS

	Oz.	1/4-lb.	1-lb.
Early Fortune. Very early and productive. Uniform size. Good shipper	.20	.50	1.25
Forhook Pickling. Prolific, medium size, skin thick .....	.15	.40	1.25
Davis Perfect. For forcing or outdoors, long and straight, valuable for slicing .....	.20	.45	1.40
Cool and Crisp. Very prolific; good for pickling and productive .....	.15	.40	1.25
Japanese Climbing. Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor .....	.20	.45	1.40
Nichols Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp .....	.15	.40	1.25
Improved Early White Spine. The best table variety; grows uniformly straight and smooth; dark green; and tender and excellent flavor.....	.20	.45	1.40
Arlington White Spine. Fine either for forcing or for outdoors .....	.20	.45	1.40
Early Green Cluster. A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	.15	.40	1.25
Long Green. A very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp .....	.15	.40	1.25
Green Prolific Pickling. Very prolific; and said by those who have tested it equally desirable as a market Cucumber.....	.15	.40	1.25
West Indian Gherkin or Burr. A very small oval shaped prickly variety It is grown exclusively for pickling, and should always be picked when young and tender .....	.25	.60	2.00
Clark's Special (Long Green). Very productive, disease resistant .....	.25	.50	1.75



Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

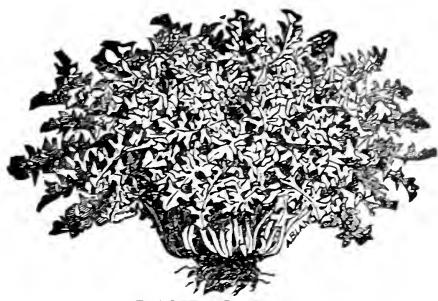
DANDELION

15 Cents Pkt.

German, Pardelblume; French, Pissenlit; Spanish
Armagon.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Common	.45	\$1.25	\$4.00
Thick Leaf	.75	2.50	9.00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION.

ENDIVE OR CHICORY

All 5 Cents Pkt.

	Per oz.	$\frac{1}{4}$ lb.	lb.
German, Endevien; French, Chicoree; Spanish, Endivia.	.25	.60	2.00
Green Curled Winter. Very hardy; leaves dark green, tender and crisp..	.25	.60	2.00
Broad Leaved Batavia. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching.....	.25	.60	2.00
Early White Curled. (Self-blanching), the best variety; grows to large size; very large and tender .....	.25	.60	2.00
Full Golden Heart (Escarolle) for Fall Planting.....	.35	1.00	3.00



ENDIVE.

EGG PLANT

All 10 Cents Pkt.

German, Eier Pflanzo; French, Aubergine; Spanish, Bereinfiena.
1 oz. $\frac{1}{4}$ lb. 1 lb.

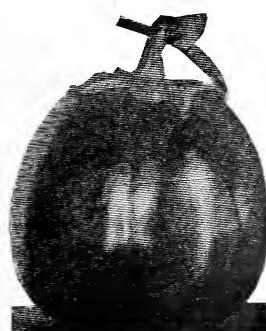
New York Improved. Superior market variety of large size and fine variety..... .65 1.75 6.00

Black Beauty Tendage. Earlier than New York. Improved and as large; purplish black..... .65 1.75 6.00

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.

Witloff or FrenchEndive. 1 oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb. \$2

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the air and light.



NEW YORK EGG PLANT.

KALE

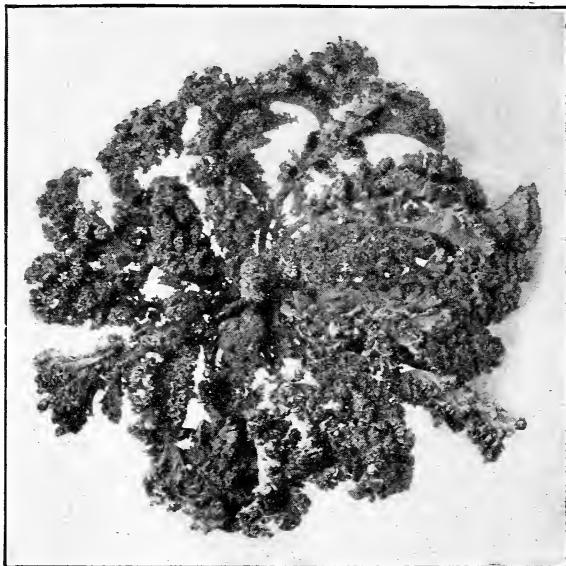
Pkt. 5 Cents, except where noted.
 German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.
 Oz. $\frac{1}{4}$ lb. lb.

Siberian German Green or "Sprout." This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring 15 .35 1.00

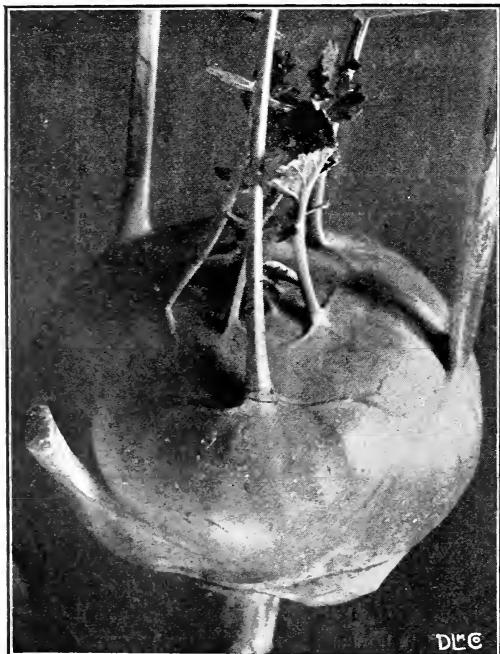
Dwarf Green Curled Scotch. Beautifully fringed dwarf growing kind, with bright green leaves, 10c pkt... 20 .50 1.50

Tall Green Curled Scotch. Tall growing, very hardy variety, leaves a bright green, beautiful curled. 10c pkt. 20 .50 1.50

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE



KOHL-RABI

KOHL-RABI

Pkt. 10 Cents.
 German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz. $\frac{1}{4}$ lb. lb.
 Early White Vienna. Flesh white and tender; best market sort; good for table use 25 .75 2.25

Early Purple Vienna. Differing from the above in color, which is of a bluish purple 25 .75 2.50

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

LEEK

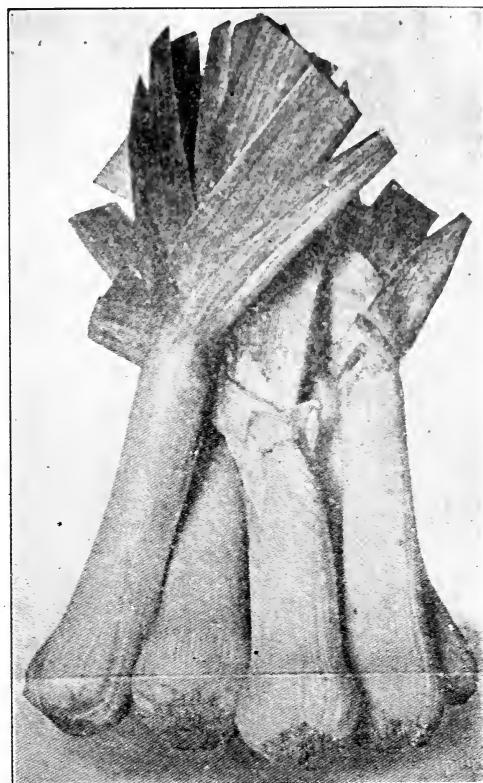
Pkt. 5 Cents.

German, Lauch; French, Poireau;

Spanish, Puerro.

Large American Flag. oz. $\frac{1}{4}$ lb. lb.The kind mostly grown
for market25 .75 2.50**Giant Musselburg**, producing
fan-shaped foliage; quite
a strong grower, and a
desirable market variety .30 1.00 3.00**Large Rouen.** Very large
and fine25 .75 2.50

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practical, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



LEEK.

LETTUCE

Pkt. 5 Cents.

German, Laitick; French, Laitue; Spanish, Lechuga.

For early crop, the seed may be sown in the open ground in September, and transplanted to cold-frames as soon as large enough to handle. In dry, sheltered spots, by covering up with leaves late in the season. Lettuce plants may be saved over Winter without glass covering. The plants for setting out in Spring are also sown in coldframes in February, and in hotbeds in March, and by careful covering up at night make plants to set out in April.

ROMAINE OR COS VARIETIES

Trianon Cos. The best of the Cos variety..... .25 .75 2.25
White Paris Cos (Romaine). Sow early; tie up to blanch25 .75 2.25

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.



MAY KING LETTUCE

LETTUCE—Continued

German, Laitick; French, Laitue; Spanish, Lechuga.

	Per oz.	1/4-lb.	lb.
Special Big Boston W. S. (See Specialties)	.75	\$2.50	\$8.00
New York or Wonderful—Round Solid Head. Heat resisting. Grows larger than Iceberg and matures 10 days earlier	\$0.30	\$1.00	\$3.00
May King Lettuce. Very early, sure header, solid, good flavor.....	.20	.60	2.00
Big Boston. Similar to Boston Market, double this size. Selected .....	.25	.65	2.00
Early Curled Simpson. Very early and an excellent sort for forcing; is largely grown by the market gardeners.....	.20	.50	1.75
Salamander Head. Fine compact head, resists heat .....	.20	.60	2.00
Black-Seeded Butter. Fine market strain .....	.20	.60	2.00
Large White Cabbage. Excellent for summer; heads of good size .....	.20	.60	2.00
Black Seeded Simpson. Stands the summer well .....	.20	.60	2.00
Shotwell's Brown Head. Large and handsome; heads hardy; standing summer heat without injury .....	.20	.60	2.00
Boston Market. Large solid heads, very fine for forcing, and of fine flavor.	.20	.60	2.00
Iceberg Favorite Summer Lettuce. Heat resisting. Very crisp, strong center ribs which bend toward center of plant, keeping it thoroughly blanched	.25	.75	2.50
Unrivaled. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender, and solid .....	.25	.85	2.75

MELON, MUSK

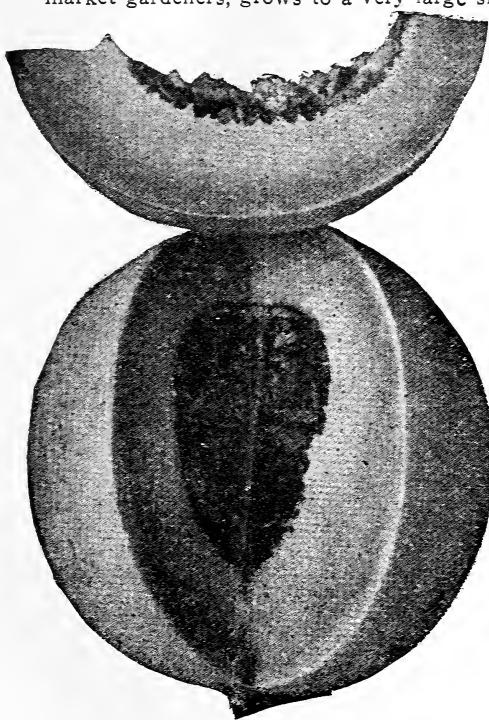
Package 5 Cents

German, Melone; French, Melon; Spanish, Melon Muscatel.

Per oz. $\frac{1}{4}$ -lb. lb.

Hearts of Gold. A selection from Hoo Doo, this melon runs very uniform in size. It is a splendid shipping variety and is increasing in use.	.20	.60	1.75
While originally it was identical with Hoo Doo			
Tip Top. This kind cannot be excelled for its eating qualities. The flesh is a bright salmon color, remarkably thick, sweet and spicy. It varies from round to slightly oblong and with a green skin turning to a lemon color as it approaches maturity	.20	.60	1.75
Honey Dew. Large, round, delicious, rich green flesh	.20	.60	1.75
Paul Rose. Handsome, oval, orange flesh, sweet	.15	.40	1.25
Long Island Beauty. Similar to Hackensack; very early	.15	.40	1.25
Miller's Cream or Osage. Flesh and salmon color and very thick	.15	.45	1.50
Golden Netted Gem. Early, round, small, fine flavor	.15	.40	1.25
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor	.15	.40	1.25
Long Yellow Cantaloupe. Yellow flesh, suitable for the market	.15	.40	1.25
Rocky Ford. Very sweet; spicy flavored, small and oblong, most popular sort	.15	.40	1.25
Montreal Market. A very large green "Nutmeg" type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates	.15	.45	1.50

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.



MELON, WATER

Package 5 Cents

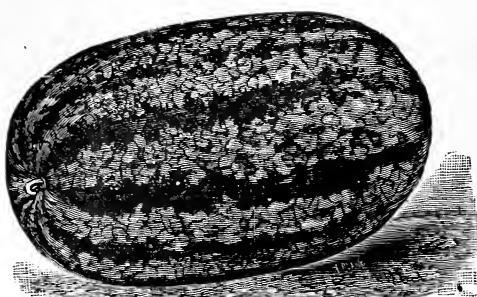
German, Wassermelone; French, Melon d'Eau; Spanish, Zaudia.

HONEY DEW MELON.

Tom Watson. Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor	Per oz.	$\frac{1}{4}$ lb.	lb.
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large.			
Mountain Sweet. One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious			
Black Spanish. Shape round, rather small; skin dark green, flesh red, sweet, rich			
Phinney's Early. Flesh deep red, of a very superior quality; a valuable early market variety			
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent			
Kleckley's Sweets. Vines vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and exceedingly sweet, crisp, and tender. Combines earliness, size and quality			
Cole's Early. Early variety suitable for home market, but on account of its thin rind is not a good shipping melon. Medium size, skin dark green with light stripes; flesh, rich, dark red; luscious and sweet.	.15	.40	1.25

MELON, WATER—Continued.

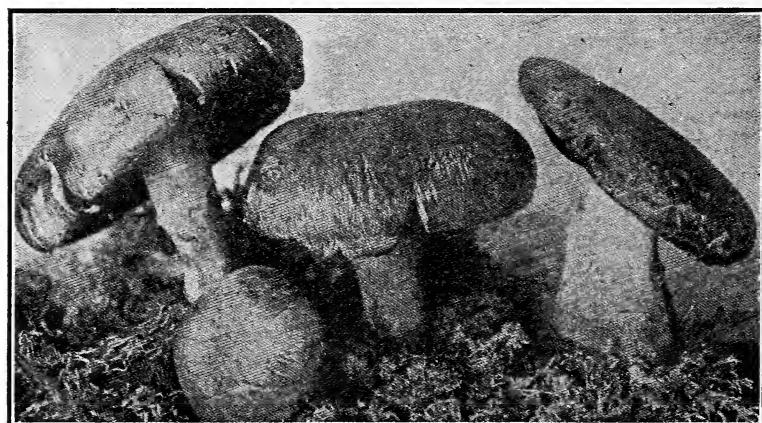
	Per oz.	1/4-lb.	lb.
Mammoth Iron Clad. Long and large; thin skin, deep red flesh.....			
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves .....	.15	.40	1.25



IRON CLAD.

MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo	
American Spawn Bricks	Per brick, 35c; 10 bricks, \$2.50; 25 bricks, \$5.50
Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.	



MUSHROOMS.

over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees. One brick to each 10 square feet.

MUSTARD

5 Cents Pkt.

German, Senf; French, Moutarde; Spanish, Mostaga.

	Per oz.	1/4-lb.	lb.
White London. Best for salads	\$0.10	\$0.25	\$0.60

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

WATERING POTS

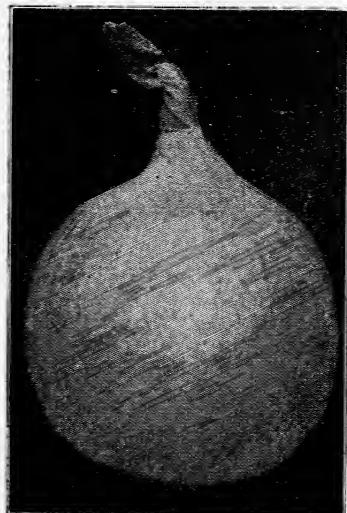
Regular	Green Japaned	Florist (Lg. Spout)
4 qt. Capacity \$.69	1 qt. Capacity \$.40	8 qt. Oval \$5.48
6 qt. Capacity ..... .75	2 qt. Capacity ..... .48	10 qt. Oval 5.98
8 qt. Capacity ..... .85	4 qt. Capacity ..... .60	12 qt. Oval 6.48
10 qt. Capacity ..... .98	Fancy Lg. Spout (Colored)	
12 qt. Capacity 1.25	1 qt. 1.25	8 qt. Round 4.98
16 qt. Capacity 1.48		

Fancy Imported Flower Pots. Long Spout, Oval Shape with Fine Rose. Price \$1.48

ONION

Package 10 Cents

German, Zweibel; French, Oignon; Spanish, Cebolia.



Yellow Globe Prize Taker, 90 days.

White Queen. The earliest variety, very mild, pure white skin and flesh. Does not grow to a large size, usually about $1\frac{1}{2}$ inches in diameter, and slightly flattened shape

Prizetaker. Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 2 to 3 pounds each; its pure white flesh is fine-grained, mild and delicate in flavor

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

ONION SETS

White Onion Sets {	Price on Application	Potato Onions {	Price on Application
Yellow Onion Sets {		Shallots {	
Red Onion Sets {		Red Top Onions {	

OKRA OR GUMBO

Package 5 Cents

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



LONG GREEN OKRA

German, Petersilie; French, Persil; Spanish, Perjil.

	Per oz.	1/4 lb.	lb.
Extra Double Curled. A fine dwarf variety excellent for garnishing	\$0.15	\$0.40	\$1.25
Plain Leaves. Hardier than the curled variety.....	.15	.40	1.25
Hamburg, or Rooted. Edible roots.....	.15	.40	1.25

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

PEAS

Package 10 Cents

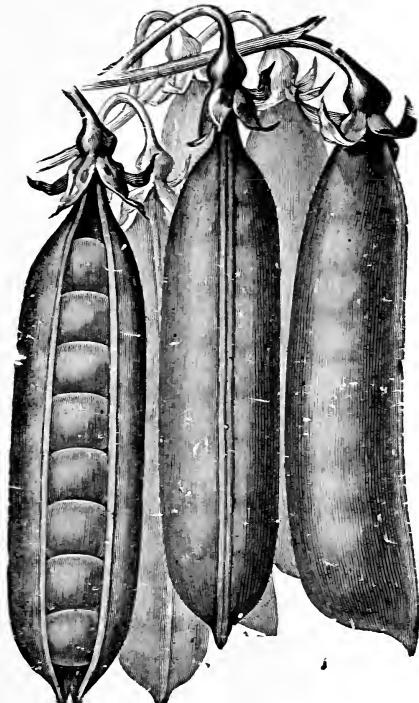
German, Erbsen; French, Pois; Spanish Guisantes.

Extra Early Varieties

1 lb. 2 lb. 10 lb.

* World's Record. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than the standard Gradus .....	.40	.75	3.00
Laxtonian. Dwarf early wrinkled. Very prolific, large pods, height 1½ ft	.40	.85	3.25
Gradus or Prosperity. Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet...	.40	.75	3.25
Thomas Laxton. A cross between Gradus and one of the extra early sorts Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor .....	.40	.75	3.25

PEAS—Continued.



	1 lb.	2 lb.	10 lb.
Nott's Excelsior. Extra dwarf wrinkled, pods larger than American Wonder, 1 foot.....	\$0.30	\$0.55	\$2.50
Alaska. Earliest of all .....	.35	.65	2.50
First and Best. One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	.35	.65	2.50
Little Gem. A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet .....	.35	.65	2.50

SECOND EARLY VARIETIES.

Everbearing. Good size pea, long pods, height 2½ feet.....	.40	.75	2.75
McLean's Advancer... Early green wrinkled varieties, delicious flavor, height 2½ feet..	.35	.65	2.50
Pride of the Market. Very large pods, green peas, sow thin, height 2 feet .....	.30	.50	2.00
Dwarf Telephone. Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and sweet .....	.40	.75	3.00

GENERAL CROP.

Champion of England. A popular wrinkled variety of delicious flavor, profuse bearer. Peas are very large, tender, height 5 feet .....	.35	.65	2.75
Telephone. This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet.....	.40	.75	2.75
Dwarf, Sugar. Edible pods.....	.40	.75	2.75

Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use

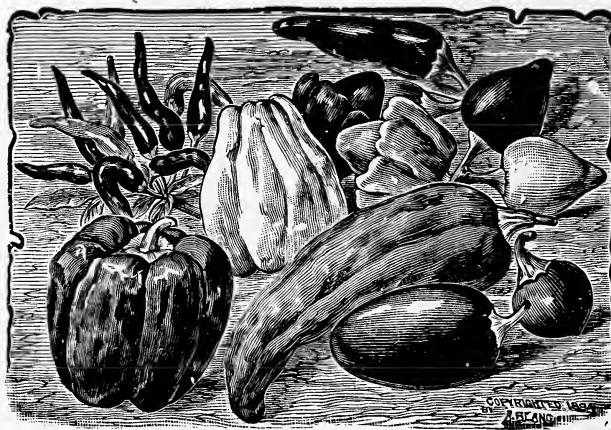
PEAS—Continued.

they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet

PEPPER

Package 10 Cents

German, Pfeffer; French, Piment; Spanish, Pimento.



PEPPERS.

H-Hot—S-Sweet

	Per oz	1/4 lb.
Ruby King. S. Very large; bright red	\$0.60	\$1.75
Large Bell or Bull Nose. H. An early variety of mild flavor	.60	1.75
Sweet Mountain or Mammoth. S. Of large size, best for mangoes	.60	1.75
Chinese Giant. S. Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	.75	2.50
Long Red Cayenne. H. Used for Pepper sauces; very pungent	.50	1.50
Chili. H. Very piquant and prolific, fruit conical, bright scarlet	.60	1.75
Hot Mango Pepper. H. Very Hot, best for Pepper Sauce and Pickling	.50	1.75
Neapolitan. S. Early	.50	1.50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata.

	Prices on application.
Houlton Rose. The standard variety. Early	
Houlton Green Mountain. Late variety, good keeper, white and mealy	
Houlton Irish Cobbler. Very early, round white; good winter keeper	

HARDWOOD ASH

Unbleached Hardwood Ash with its valuable Potash and Lime qualities is highly recommended for use in green houses, flower gardens and lawn work	\$25.00	\$15.00	\$8.00	\$2.00
	Per Ton	Half Ton	Qu. Ton	100 lbs

SEMESAN, the NEW Du Pont Mercuric Disinfectant

Prevents and Controls Fungous Diseases, Quickens Seed Germination, Invigorates Seedling Growth, Produces Sturdier Plants, Increases Crop Yield.

Semesan

The Modern
Disinfectant
for

Seeds, Bulbs, Corms,
Roots and Tubers
of

Vegetable and Farm
Crops

Sizes of Packages	Price Per Package
2 oz. tin	\$.50
1-lb. tin	2.75
5-lb. tin	13.00
25-lb. pail	56.25
100-lb. drum	220.00
300-lb. drum	645.00

SEMESAN JR.

Seed Corn Treatment

with Improved

Controls Seedling Blight
Invigorates Seedling Growth
Produces Sturdier Plants
Reduces Root and Stalk Rots
Protects Seed against Rotting
Permits Earlier Planting
Speeds and Increases
Germination

Increases Crop Yields

Sizes of Packages	Price Per Package
4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00

Semesan Bel

Instantaneous Dip
Disinfectant

for

Seed Potatoes

Roots and Tubers

Sizes of Packages	Price Per Package
4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00

PUMPKIN

Package 5 Cents

German, Kuerbis; French, Courge;
Spanish, Calabaza Tetanera.



CHEESE PUMPKIN.

	Per oz.	1/4-lb.	1 lb.
Calhoun. Flesh wonderfully thick, fine grained.....	\$0.20	\$0.50	\$1.50
Large Cheese. The best variety, hard and productive	.15	.40	1.25
Connecticut Field. Very productive, largely grown for feeding stock .....	.15	.35	1.00
Mammoth Tours. Grows to an immense size .....	.15	.45	1.50
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet	.15	.35	1.25

These are usually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

RHUBARB

Package 5 Cents

German, Rabarber; French, Rhubarbe; Spanish, Ruibarbo.

We would like to have you inspect our large clumps of Rhubarb which we receive daily from our local grower. Spec. price 15c per clump.

Victoria. Very large, later than Linnaeus..... .25 .75

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following Spring, transplant into deep, rich soil, about three feet apart each way.

RADISH

5 Cents Package

German, Retting; French, Radis; Spanish, Robanitos.

Special price to Market Gardeners in quantity lots. Get our Market Gardeners Price List

	Per oz.	1/4-lb.	lb.
Early Scarlet Globe. The standard market radish. Our strain is unsurpassed for earliness; rich color and uniform shape .....	.15	.40	1.25
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young	\$0.15	\$0.40	\$1.25
Early Scarlet Turnip. (Forcing) variety, maturing in three weeks .....	.15	.40	1.25
Early Scarlet Turnip, White tipped. A beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners .....	.15	.40	1.25
Olive Shape Deep Scarlet .....	.15	.40	1.25
French Breakfast. Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white .....	.15	.40	1.25
Long Scarlet. One of the leading market kinds. ....	.15	.40	1.25
Rose China Winter. Flesh firm and piquant; excellent for winter use .....	.15	.40	1.25
White Summer Turnip. A summer variety of mild flavor .....	.15	.45	1.25
Black Spanish Winter. Long, one of the hardest and best for winter use .....	.15	.40	1.25
Half Long Black Spanish .....	.15	.40	1.25
Black Spanish. Round .....	.15	.40	1.25
White Strasburg. Very large German sort .....	.15	.35	1.00
White Vienna or Lady Finger. Crisp and tender in summer .....	.15	.35	1.00
Iceicle. Long, pure white, suitable for forcing .....	.15	.40	1.25
Sparkler. Standard variety, with round roots, top half of which are deep scarlet and lower half pure white. Solid and crisp, very attractive .....	.15	.40	1.25

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

RAPE

	1-lb.
Italia Broccoli Rape	4.00

SORREL

10 Cents Package

	oz.	1/4-lb.	1-lb.
Used for Salad—Has an acid flavor—or it may be cooked same as spinach.			
Large French .....	.15	.50	1.50
Fine Leaf .....	.30	1.00	3.00

SPINACH

5 Cents Package

German, Spinat; French, Epinard; Spanish, Espinaca

Special price on lots of 5, 10 and 25 lbs.

	Oz.	1/4-lb.	1-lb.
Long Standing, Round Leaved	\$0.15	\$0.20	\$0.40
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety .....	.15	.20	.40

SPINACH—Continued

	Per oz.	1/4-lb.	lb.
Imperator. Our Imperator Spinach is of the long standing without going to seed type, very dark green leaved, growing close to the ground, rather later in growing than Savoy but very attractive having a very heavily crumpled leaf and standing for a very long period without going to seed .....	.10	.25	.50
Bloomsdale Savoy Leaved. A large, curled, thick leaved variety, the market gardener's favorite.....	.10	.20	.40
Virginia Savoy Yellows or Mosaic Disease Resistant. A variety originated by the Virginia Truck Experiment Station, a cross between Resistant Bloomsdale Savoy and Manchurian. This is a cool weather variety, for winter in the South and fall in the North. The leaves have markedly the Savoy characteristics .....	.15	.35	.75
New Zealand. Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil .....	.15	.25	.75
King of Denmark Spinach. Large flat tufts. Early. Good keeper. Will stand 2 to 3 weeks longer than the very best long standing variety .....	.10	.20	.50
New Spinach (Princess Juliana). This is a new type of "Long Season" Spinach. The leaves are of good size, very dark green, well crumpled and thick. The first plants of Spinach to bolt to seed are the male plants. (Spinach is generally dioecious, i. e.; these are male and female plants.) This first bolting seed has been eliminated in this new race by the production of hermaphrodite plants, these plants seeding much later than male plants .....	.10	.20	.50
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.			

SALSIFY, OR OYSTER PLANT

Package 10 Cents

German, Bocksbart; French.
Salsifis; Spanish, Salsifi.

Mammoth Sandwich

Island \$0.30 \$0.85 \$2.75

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter: a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

Per oz. 1/4-lb. lb.

SQUASH—Package 5 Cents

Mammoth Summer Crookneck. Twice size of Summer Crookneck	\$0.20	\$0.50	\$1.50
Early Golden Bush Scalloped. True bush growth producing fruit ready for use early in the summer .....	.15	.40	1.25
Early White Bush Scalloped. A white variety of the above .....	.15	.45	1.50
Summer Crookneck. Early, productive and of good quality.....	.15	.45	1.40
Boston Marrow. A very valuable medium early variety, an excellent keeper and of superior quality.....	.15	.40	1.25
Golden Hubbard. The best Winter Squash: fine grained, dry, keeps well and is of excellent flavor .....	.20	.50	1.50
Mammoth Chili. Grows to a large size, often weighing two hundred pounds. Excellent for stock .....	.15	.45	1.50
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor .....	.20	.50	1.75
Italian (Cocozella di Napoli) grows 20 inches long with diameter of 3 or 4 in. Green or Marbled Yellow. .....	.25	.50	1.75



SQUASH—Continued.

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

SWISS CHARD OR SILVER BEET

5 Cents Package



SWISS CHARD.

Silver Leaf. This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.25.

Giant Lucullus. Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

TOBACCO

Package 10 Cents

Connecticut Seed Leaf. This variety is best adapted to the climate of the Northern and Middle States. Oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Havana. Imported Seed, Vuelto de Abbajo. Per oz. 75c; $\frac{1}{4}$ lb. \$2.75.

TOMATO

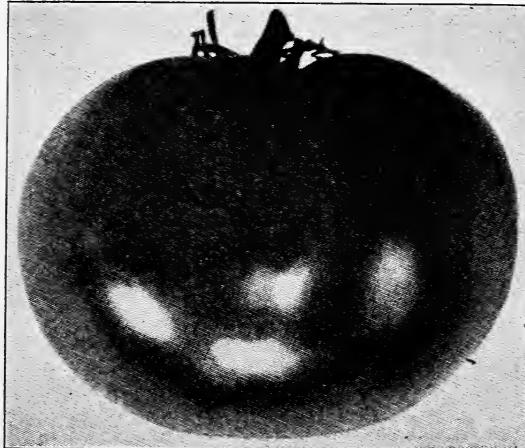
10 Cents Package

German, Liebesapfel; French, Tomate; Spanish Tomata.

	Per oz.	$\frac{1}{4}$ -lb.
I. X. L.	\$0.40	\$1.25
John Baer. Earliest tomato grown ....	.40	1.25
June Pink. A very early market sort, smooth, medium size, bright pink....	.40	1.25
Earliana, Extra Early. Bright red, smooth. It is claimed to be one of the earliest introduced, very productive....	.40	1.25
Favorite. Large, smooth, productive, very solid and of fine flavor. A good shipper ....	.30	1.00
Chalks Early Jewel. Extra early, large, smooth....	.40	1.25
Trucker's Favorite. Large, smooth and very regular in form, purplish red, solid	.40	1.25
Ponderosa. Very large and solid ....	.50	1.75
New Stone. Large and smooth ....	.40	1.25
Livingston's Perfection. Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety ....	.40	1.25
Livingston's Beauty. Large dark crimson, thick skin ....	.40	1.25
Dwarf Champion. Resembles Acme, early....	.40	1.25
Acme. A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato ....	.40	1.25
Matchless. Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific ....	.40	1.25
Bonny Best. Early tomato, large, smooth, uniform....	.40	1.25
Marglobe. A new variety developed by the United States Department of Agriculture. Is very wilt resistant and is resistant to nail head rust. Fruit resembles Livingston's Globe but is scarlet and the flesh more solid. Vine dark green and vigorous ....	.90	3.00

TOMATO—Continued

	Per oz.
Yellow Plum. Used principally for pickling.....	.50
Red Pear Shape. Used principally for preserving and pickling .....	.50
Red Currant for Preserves .....	.50
Yellow Cherry. Similar to above, except in color .....	.50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

TURNIP

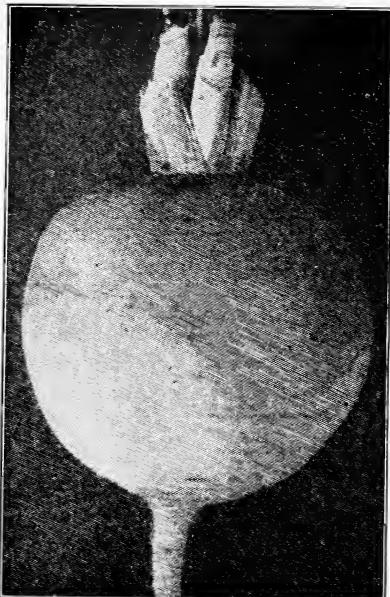
5 Cents Package

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	1/4-lb.	lb.
Milan. (Purple top), the earliest of all.....	\$0.15	\$0.45	\$1.50
Early White Flat Dutch. An early garden variety of medium variety size..	.15	.35	.85
Red Top Strap Leaf. This and the preceding are the best two kinds for			
Spring sowing and for garden culture.....	.15	.35	.85
Red Top White Globe. Very desirable, extensively grown for market .....	.15	.35	.85
White Egg. A new variety, beautifully shaped; excellent table turnip ....	.15	.35	.85
Yellow Globe. One of the best for general crop, either for table use or stock	.15	.35	.85
Yellow Stone. A good globe-shaped turnip, similar to the above .....	.15	.35	.85
Golden Ball. A table Turnip of quick growth, and unsurpassed quality ....	.15	.35	.85
Long White or Cow Horn. One of the best field Turnips, flesh fine grained	.15	.35	.85
Yellow Aberdeen. Hardy and productive, largely grown for farm purposes ...	.15	.35	.85
Large White Norfolk. Globe-shaped variety, one of the best for stock.....	.15	.35	.85
Pomeranium White Globe. Very fine, white Globe variety, round and thick	.15	.35	.85
Seven Top. Tops used for Greens.....	.15	.35	.85

TURNIPS—Continued

RUTA BAGAS



AM. IMP. PURPLE TOP RUTA
BAGA TURNIP

American Improved Purple Top. The leading variety, of fine quality, valuable both for the table and for feeding stock.

oz.	1/4-lb.	lb.
.15	.35	.90

Carter's Imperial Royal Swede. An English variety, highly recommended as producing enormous crops.

.15	.30	.85
-----	-----	-----

White or Sweet German. A large solid variety.

.15	.30	.85
-----	-----	-----

Laing's Improved, Globe-Shaped, with small top and tap root.

.15	.30	.85
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For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

SWEET POT AND MEDICAL HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Pkg.	Oz.
Anise (Pimpinella anisum), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0.10	\$0.25
Balm (Melissa officinalis), a hardy perennial, used for making balm tea and balm wine .....	.10	.35
Basil, Sweet (Ocimum basilicum). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	.10	.35
Borage (Borage officinalis), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	.10	.35
Caraway (Carum cauri), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	.10	.25
Coriander (Coraindrum salivum), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	.10	.25
Dill (Anethum graveolens), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants, 1/4-lb., .50; 1 lb., 1.25	.10	.25
Sweet Fennel (Anethum foeniculum), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces.....	.10	.25
Florence Fennel. An excellent salad plant and is also boiled. The flavor is somewhat spicy. 1/4-lb., .60; 1 lb., 1.75 .....	.10	.30
Horehound (Marribium vulgare), hardy perennial .....	.10	.40

SWEET POT AND MEDICINAL HERB SEEDS—Continued

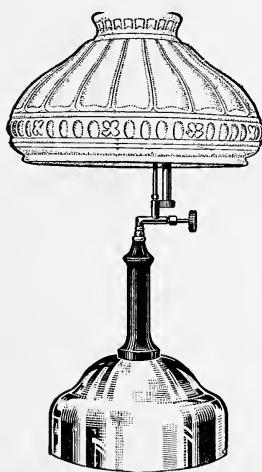
	Pkg.	Oz.
Lavender (<i>Lavandula spica</i>), a popular aromatic herb	\$0.10	\$0.30
Marjoram, Sweet (<i>Origanum Majorana</i>), for seasoning .....	.10	.50
Rosemary (<i>Rosmarinus officinalis</i>), an aromatic herb .....	.10	.50
Rue (<i>Ruta graveolens</i>), used for medicinal purposes, also frequently given to fowls for the roup .....	.10	.60
Sage (<i>Salvia officinalis</i>), much used for flavoring articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration.....	.10	.50
Summer Savory (<i>Satureia hortensis</i>), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups .....	.10	.30
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headaches .....	.10	.50
Wormwood (<i>Antemesia abietinum</i>), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds .....	.10	.35

American Ready - Lite Lamp and Lanterns

Light With Matches—No Alcohol Torch Necessary

“The Sunshine of the Night”

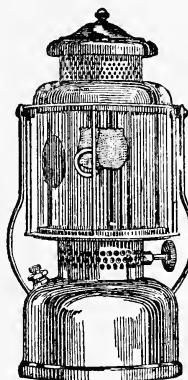
Ready-Lite With Special Design
OPAL SHADE



Gives a brilliant white light of 300 candle power, softened and diffused by the opal shade, making it restful and pleasing to the eyes. The best lamp to read, study or work by and an ornament in any room. Height 20 inches, diameter of fount $8\frac{1}{2}$ inches; capacity 3 pints; burns 18 to 20 hours on one filling. Packed in corrugated box with pump, wrench, tip cleaner, mantles and one extra generator. Each \$8.50

Ready-Lite Lantern With Mica
Chimney and Reflector

The New Ready-Lite marks a great improvement in gasoline lanterns, especially in the construction of the generator. This new match-lighting generator has no coils to obstruct and hold impurities in the gasoline and will give unusually long service. It is very inexpensive and may be replaced quickly without breaking the mantle. The New Ready-Lite is more substantially built, better finished than similar lanterns. Price \$6.98



READY-LITE ADVANTAGES

BRILLIANT—300 Candle Power, strong .. pure, white light. Brighter than 20 old style lamps or lanterns.

SAFE—Can't spill fuel or explode even if tipped over. Can't be filled while lighted.

CLEAN—No greasy wick to trim. No dirty chimney to wash. No smoke. No soot. No odor.

ECONOMICAL—Cost to use less than half a cent per hour.

CONVENIENT—Make and burn their own gas—light with matches. Lamp holds 3 pints—burns 18 hours on one filling. Lantern holds quart—good for 12 hours per filling.

DURABLE—Made of brass, heavily nickel plated, and highly polished.



SPONGE RUBBER KNEELING PADS

Excellent for the Home Garden Use

Price, \$1.48

ABOUT LAWNS AND LAWN GRASS SEED

FORMATION OF LAWNS FROM SEED.

There is nothing more attractive than a well kept lawn.

Many things are to be considered in connection with the making and proper care of lawns. A good lawn cannot be made in one season, success coming only through intelligent care for a period of years.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled and cross-rolled in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Muzzy's Lawn Fertilizer mixed with an equal quantity of good loam or sand, will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon the latitude. In the central and eastern states from March 15 to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1. Seed may also be sown in the Fall, from the latter part of August to the end of September. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or Summer grass, must be pulled up by the roots before they ripen their seed in the Fall.

Rolling.—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. Roll frequently.

Mowing.—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top-growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe Winter frosts.

It is a good plan to sow on good land, in any out-of-the-way place, strips for sod to be used for patching poor parts of the lawn, or for grass borders, etc. The best mixture of seed for this purpose is *Cynosurus cristatus* (Crested Dog's-tail). Kentucky Blue Grass and Fancy Red Top.

OUR CELEBRATED LAWN GRASS

	½lb.	1lb.	2lb.	5lb.	20lb.
Standard Lawn Grass. Composed of a mixture of the finest grasses; sow three bushels per acre	\$0.30	\$0.50	\$1.00	\$2.25	\$8.00
Velvet Lawn Mixture. This extra choice mixture contains a large proportion of the finer and more expensive special of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible	.35	.65	1.20	3.00	11.00
Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun	.35	.65	1.20	3.00	11.00
Special Lawn Mixture. Adapted specially for new ground; that is, when no lawn existed. It grows quick and abundantly. It has the finest grass	.35	.65	1.20	3.00	10.00

QUANTITIES TO BE USED

Plot 20 feet by 20 feet, sow 1 pound. Plot 25 feet by 100 feet, sow 6 pounds.

Plot 25 feet by 50 feet, sow 3 pounds. Plot one acre, sow 80 pounds.

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre.

Grassland

If the story of Grassland could ever be fully told, a wonder of nature would develop before your eyes that would surpass any imaginative fiction.

It's a wonderful place—Grassland—endowed with beauty of character and grace which only a God could give it. We sweep a handful of tiny brown specks over an ugly bare spot—and lo—it begins to live. It soothes and calms weary eyes from its first tiny sprout. Ultimately it charms and captivates all men. Developed into a rich carpet of softest velvet, we find it everywhere.

However, this heritage, rich though it is, is sometimes wantonly wasted and often the most elementary principles regarding its care are disregarded.

Yet its care is so easy and simple.

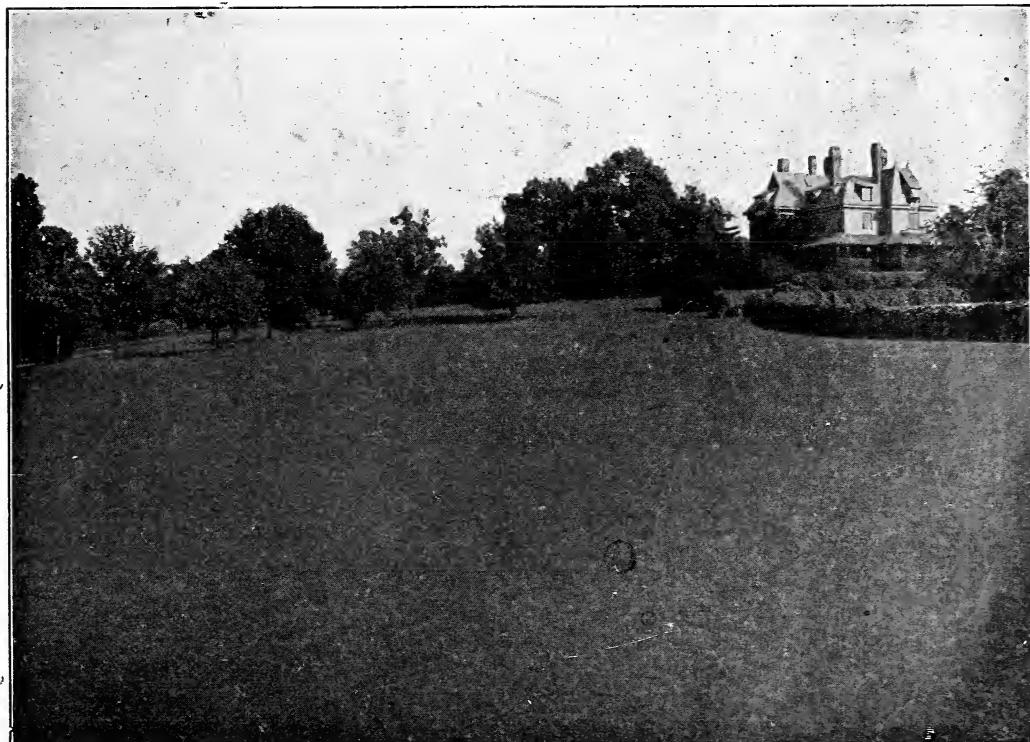
Take your own lawn as an example.

Look at it just as it is today! There are brown spots here and there; bare spots; even little places where moss has gained a foothold; and weeds.

Then compare it with some of those wonderful places you pass along the road where the lawn always seems bright, clean and crisp; and is always the freshest looking green spot in all the land.

That good looking lawn is alive. Your lawn where the brown spots are, is dead; where the weeds are, it's dying; where the moss is, it's ruined—and all for the lack of a little care. (G.)

Our Celebrated Lawn Grass Mixtures have a sustained reputation, covering many years. With our long experience and carefulness we are in a position to give our customers the right seed for the condition that exists in their particular case.



What About Your Lawn?

Your Flowers Need Food

Flowers are delicate, tender, living plants that need food as well as water. Like you and me, they eat, drink and breathe. Water them well, FEED them properly, and they will flourish with increased health and beauty.

Bowker's Lawn and Garden Dressing, manufactured by The American Agricultural Chemical Company especially for use with flowers, shrubs, and bushes, is a complete plant food, containing all the essential elements, good health, and beauty of blossom and foliage. Bowker's Lawn and Garden Dressing is put up in 10, 25, 50 and 100 lb. bags. As easy to handle as sugar and salt. Use Bowker's Lawn and Garden Dressing Liberally and make sure your flowers get all the food necessary to develop the fullest, fairest life. It is cheaper than manure, cleaner, and more effective. Directions with each package.

10 lbs. 90c; 25 lbs. 1.50

SOLD BY WILSON S. BROWER CO., Inc.

HOW TO APPLY BOWKER'S LAWN AND GARDEN DRESSING

For annual flowering plants Bowker's Lawn and Garden Dressing should be broadcasted after spading the soil at the rate of 10 to 20 pounds per thousand square feet. Rake thoroughly in such a manner as to mix it well with the upper two to five inches of soil. Wait for a rainfall before planting. For perennials, roses, and shrubs, scatter three or four handfuls over the root area of each plant, keeping it away from the stalks or butts. If not on a lawn, the fertilizer should be worked into the soil to a depth of two or three inches.

50 lbs. 2.50; 100 lbs. 4.50

What a difference a few of these magic tablets make!

Picture a plant—struggling gallantly but vainly—in a feeble, fruitless search to find food in soil that contains none. Faded, drooping, flowerless, **you** call it a failure. But is it?

A few of the magic plant food tablets called Plantabbs would have made this pathetic little plant a big success!

We now sell and recommend Plantabbs. Odorless, clean, easy to use, they're Trojans for work. A forkful of stable manure won't do as much for your plants and flowers as one of these concentrated, odorless white tablets! As they dissolve in water almost instantly, they make a wonderful liquid fertilizer, and when used in this way make the most wornout soil rich and fertile **overnight**.

Plantabbs are so perfectly balanced, so chock full of growth producing, health giving, energizing plant food, that many florists and professional growers purchase them in quantities for their own use.

To raise potted plants of amazing beauty, to enjoy a gorgeous garden with a profusion of brilliantly colored blooms, to raise tender succulent vegetables, use Plantabbs! Leading horticulturists and State Agricultural Departments approve them—and we **guarantee** to refund your money if they fail to benefit your plants when used according to the instructions which come with each package.

A season's supply for your garden costs only \$3.50; other sizes sufficient for potted plants, sell for \$1.00, 50c. and 25c per package. Include in your next order.

*Guaranteed
to improve
your plants*



Turn Garden Refuse Into Rich Manure

Do not destroy garden refuse. It represents more than half the yield of the soil. By the simple ADCO process it can be converted into manure and turned back to nourish that same soil.

Anybody can use ADCO, and every good gardener should use ADCO. Nothing takes the place of manure, and with ADCO you can make quantities of it, rich, odorless and clean.

25 Lb. Bags \$2.00
100 Lb. Bags \$7.00

GRASS SEEDS

Hard Fescue (<i>Festuca duruiscula</i>), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre	Market Price
Meadow Fescue (<i>Festuca pratensis</i>), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the greatest grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....	Market Price
Sheep's Fescue (<i>Festuca ovina</i>), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures, 30 lbs to the acre.	Market Price
Orchard Grass (<i>Dactylis glomerata</i>), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu.	Market Price
Fancy Red Top Grass, cleaned like Timothy; free from chaff	Market Price
Rhode Island Bent Grass (<i>Agrotis Tennis</i>), best of all grasses for lawn where only one variety is used.....	Market Price
Rye Grass English (<i>Lolium perenne</i>). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass.....	Market Price
Rye Grass Italian (<i>Lolium Italicum</i>). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle and greedily eaten by them, either in a green or dry state.....	Market Price
Tall Meadow Oat Grass (<i>Avena Elatior</i>). As a crop to cut for hay, this is very desirable because of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	Market Price
Timothy, Herd's Grass (<i>Phleum pratense</i>). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market, 45 lbs. to bu...	Market Price.
Wood Meadow Grass (<i>Poa nemoralis</i>). This grass grows well both on shady and exposed situations. 30 lbs. to the acre	Market Price
Tall Oat Grass (<i>Avena Edatior</i>), good for dry pastures and meadows. Is much relished by sheep.....	Market Price
Golden or German Millet. This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs.	Market Price
Japanese Millet. This wonderful Millet yields possibly more fodder than any other forage plant that requires so little to sow an acre. Frequently as high as 12 tons of green food have been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes. If sown early in May, it may be cut twice in one season. It branches out at the roots, and more than 12 lbs. per acre broadcast cannot be sown to advantage. Sow any time from May 1 to June 15.	Market Price
Hungarian Grass. A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pk. to the acre Per bushel of 48 lbs.	Market Price

Prices on above subject to market fluctuations without notice.

GRASS SEED—Continued.

These Prices are Subject to Variation.

Blue Grass Kentucky (Poa pratensis), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb. bushel.....	Market Price
Blue Grass Canada. Little coarser than Kentucky	Market Price
Creeping Bent Grass, Florin (Agrotis stolonifera), used for lawns, well adapted to most places	Market Price
Crested Dogtail (Cynosurus cristatus), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre	Market Price

CLOVERS

(Subject to Variation in Price).

Red Clover. Medium (Trifolium pratense). Price variable, 60 lbs. to bushel.	
Red Clover, Large or Pea Vine. Price variable	
White Clover. (Trifolium repens)	
Alfalfa or Lucrene. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.....	
Alsike or Swedish (Trifolium hybridum). Ten pounds to the acre.....	
Crimson or Italian (Trifolium incarnatum), sown in Autumn, it furnishes an early fodder and is excellent for soilng. Twenty pounds to the acre. Price variable.....	

Market Price

MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high, dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

MEADOW MIXTURE FOR ONE ACRE

No. 1. On Good Land,
Neither Too Dry nor Too Wet
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 2. For High and Dry Land.
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 3. On Wet Land
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

PASTURE MIXTURE FOR ONE ACRE

No. 4. On Good Land.
Neither Too Wet nor Too Dry.
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 5. On Dry Land
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

No. 6. On Wet Land
Price 15.00 for 40 lbs. Sow 40 lbs. to the acre

GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

Sold at Market Prices and Subject to Change.

SPRING WHEAT, 60 lb. Bushel.

Marquis Spring. This variety has been grown with great success for a number of years in Canada, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties Market Price.

White Russian. This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre..... Market Price.

WINTER WHEAT, 60 lb. bushel.

Red Man. Also known as the Seneca. This is a beardless white wheat. It proves early and hardy, has a stiff straw, yields larger crops than any other Market Price

Fultz. A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour Market Price

Red Mediterranean. (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early Market Price

OATS, 32 lb. bushel.

SWEDISH. Very popular and standing well until fully ripe
Spring and Winter Rye, 56 lbs. to Bushel

SPRING BARLEY, 48 lb. Bushel

Vermont Champion (two rowed)

BUCKWHEAT, 48 lb. Bushel.

Silver Hull. This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

JAPANESE BUCKWHEAT.

Yields twice or three times as much as Silver Hull and ripens a week earlier

MISCELLANEOUS SEEDS, ETC.

Kaffir Corn or Sorghum
Essex Rape
Cow Peas for Fodder



MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Sicily (Phalaris canariensis)	Per lb., \$0.10	Rape (Brassica napus)	Per lb., \$0.12
Hemp (Cannabis sativa).....	Per lb., .10	Mixed Bird Seed	Per lb., .12
Maw (Papaver Rhoeas).....	Per lb., .25	Sunflower, Large Russia	Per lb., .15
Millet (Panicum miliaceum).....	Per lb., .10	Gravel for Cages.....	Per pkg., .08
Asparagus Roots, Conover's Colossal and Palmetto (2 years old),	See Page 5	Cuttle Fish Bone	Each 2c, 3c and 10c
Rhubarb Roots	15c each.	Horse Radish Roots.....	per 100, \$1.75
Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes .....	.....	.....	Prices on Application

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill	Pole Beans	1 qt. to 150 hills
Beet	1 oz. to 50 ft. drill	Corn	1 qt. to 200 hills
Carrot	1 oz. to 150 ft. drill	Cucumber	1 oz. to 50 hills
Endive	1 oz. to 150 ft. drill	Water Melon	1 oz. to 30 hills
Okra	1 oz. to 40 ft. drill	Musk Melon	1 oz. to 60 hills
Onion	1 oz. to 100 ft. drill	Pumpkin	1 oz. to 40 hills
Onion Sets, small.....	1 qt. to 20 ft. drill	Early Squash	1 oz. to 50 hills
Parsley	1 oz. to 150 ft. drill	Marrow Squash	1 oz. to 16 hills
Parsnip	1 oz. to 200 ft. drill	Cabbage	1 oz. to 3,000 plants
Radish	1 oz. to 100 ft. drill	Cauliflower	1 oz. to 3,000 plants
Salsify	1 oz. to 70 ft. drill	Celery	1 oz. to 4,000 plants
Spinach	1 oz. to 100 ft. drill	Egg Plant	1 oz. to 2,000 plants
Turnip	1 oz. to 150 ft. drill	Lettuce	1 oz. to 4,000 plants
Peas	1 qt. to 100 ft. drill	Pepper	1 oz. to 2,000 plants
Dwarf Peas	1 qt. to 100 ft. drill	Tomato	1 oz. to 2,000 plants

QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem	3 bu.	Kale, German Greens	3 lbs.
Asparagus, in 12-inch drills.....	25 lbs.	Lettuce, in rows; 2½ feet.....	3 lbs.
plants, 4x1¼ feet	8,000	Leek, in rows; 2½ feet.....	3 lbs.
Barclay, broadcast	2½ bu.	Melon, Water in hills; 8x8 feet.....	3 lbs.
Beans, dwarf, in drills; 2½ feet.....	2½ bu.	Citron, in hills; 4x4 feet.....	2 lbs.
Lima, in drills; 4x4 feet.....	20 qts.	Millet, Pearl, in drills	5 lbs.
Pole, in hills, 4x3 feet.....	10 qts.	Golden, broadcast	34 bu.
Beets, in drills, 2½ feet	6 to 8 lbs.	Mustard, broadcast	12 to 16 qts.
Broom Corn, in hills	4 to 6 qts.	Oats, broadcast	2 to 3 bu.
Buckwheat broadcast	1 bu.	Onion, in drills	5 lbs.
Cabbage, sown in frames	6 oz.	In beds for sets	5 lbs.
Sown in outdoor beds for trans- planting	10 oz.	Parsnips, in drills; 2½ feet	5 lbs.
Carrot, in drills; 2½ feet	3 lbs.	Peas Early, in drills	1½ bu.
Celery Seed	8 oz.	Marrowfat, in drills	1¼ bu.
Plants, 4x½ feet	25,000	Broadcast	3 bu.
Chufas, in drills, 2½ feet	½ bu.	Potato, cut tubers; in drills	8 to 10 bu.
Clover, Alsike	5 lbs.	Radish, in drills, 2 feet	8 lbs.
Red, alone	15 lbs.	Broadcast	12 lbs.
White, alone	12 lbs.	Pepper Plants, 2½x1 foot	17,500
White, with other Seeds	4 lbs.	Pumpkin, in hills; 8x8 feet	2 qts.
Lucerne or Alfalfa	15 lbs.	Parsley, in drills; 2 feet	4 lbs.
Corn, Sweet	8 to 10 qts.	Rye, broadcast	1½ to 2 bu.
Field	7 to 9 qts.	Salsify, in drills, 2½ feet	10 lbs.
For fodder	3 bu.	Sorghum, in drills	10 to 12 lbs.
Corn Salad, in drills; 10 inches	25 lbs.	Spinach, in drills	10 lbs.
Cucumber, in hills	1½ lbs.	Broadcast	30 lbs.
Egg Plants; plants 3x2 feet	4 oz.	Turnips, in drills; 2 feet	1½ lbs.
Endive, in drills, 2½ feet	3 lbs.	Broadcast	2 to 3 lbs.
Grass, Hungarian	¾ bu.	Tomatoes, in frame	4 oz.
Lawn	3 to 4 bu.	Plants	3,800
Orchard	2 to 3 bu.	Wheat, broadcast	2 bu.
Rye	2 bu.	In drills	1¼ bu.
Kentucky Blue	3 bu.	Clover, } together	10 lbs. Clover
Timothy	¼ bu.	Timothy, } for	¾ bu. Timothy
Red Top	3 bu.	Red Top, } one acre	1 bu. Red Top

General List of Flower Seeds

CULTIVATION OF FLOWER SEEDS

HARDY ANNUALS

Successive sowing may be made from March to the end of September; March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

HALF HARDY AND TENDER ANNUALS.

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Asters, Balsam, Ten Weeks Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

HARDY BIENNIALS AND PERENNIALS.

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants their variety is almost endless, producing almost every form of flower and shade of color.

The seeds may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March or April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first season. The Pansy, Petunia, ChinaPink and its several splendid varieties, and many others do better as Annuals than Perennials.

ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candytuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dianthus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Salvia, Verbena Vinca and others.

Abbreviations and Signs used in the following list

A. Annual, refers to those plants that last but one season and must be raised annually.	t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
B. Biennial, raised one year, bloom and die the next.	cl. Climbing, as Cypress Vine, Morning Glory, etc.
P. Perennial, lasts two or more seasons.	spr. Spreading or trailing as Verbena.
h. Hardy, as those that may be grown at all seasons in open air, without protection	g. Greenhouse, those plants which require to be grown under glass.
hh. Half hardy, require the protection of a frame pit; or handlight till May, when they may be transferred to the open garden.	s. Shrubs, plants of a shrubby or bushy habit.

Those Biennials, and Perennials marked with an (*) will bloom the first year if sown early.

							1 oz. $\frac{1}{4}$ lb.
Ageratum , mixed	hha	1	blue	.50	1.75		Valuable bedding plants, of dwarf habits, very free-flowering.
Alyssum , sweet	ha	$\frac{1}{2}$	white	.50	1.75		Sweet Alyssum, a well-known fragrant flower.
Amaranthus Love Lies Bleeding " tricolor Jos. coat	hp	4	var. col.	.50	1.75		Fine plants for decorating purposes for conservatory and flower garden. Amar, tri-color, known as Joseph's coat.
*Antirrhinum snapdragon	"	10	wh. g'rn	1.00			The Antirrhinum or Snapdragon, a very useful and showy plant.
Asters, Giant Branching							
" Light Blue					1.25		
Pink					1.25		
White					1.25		
Crimson					1.25		
Lavender					1.25		
Mixed					1.00		
							One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
Baby's Breath (Gypsophila)	hp			.50	1.75		Charming spring pot plant.
Ballon Vine	hha			.50	1.75		Rapid growing climber.
Balsam, Camelia-flowered mixed		2		.50	1.75		Balsam or Ladies' Slipper.
" Apple	"	10	yellow	.50	1.75		Interesting climber, with remarkable fruits.
" Pear	"	10	yellow	.50	1.75		
Calendula Mixed	ha	1-3	striped	.40	1.25		Fine for edgings.
Campanula Carpatica	hp	1	blue	.50	1.75		Bell-Flower.
Candytuft							
" white	ha	1	white	.50	1.75		Beautiful and useful hardy annuals, very effective in beds, groups or ribbon borders; also for pot culture.
" mixed	"	1	various	.50	1.75		
*Canterbury Bells, mixed	hb	3	mixed	.50	1.75		Handsome old-fashioned plants for mixed borders.
Carnation, finest double	hp	2	various	1.50	5.00		
" mixed for borders	"						The Carnation Pink is indispensable for its rich flowers and delicious perfume.
Centaurea Cyanus Corn Flower	"	1	wh fol.	.40	1.50		Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum, annual mixed	ha	2	various	.50	1.75		Showy annuals, for mixed beds or borders.
							Superb strain; large flowers of beautiful form and color.
Cineraria Dusty Miller	hp	1 $\frac{1}{2}$	yellow	.50	1.75		Silvery foliage bedding plant.
*Cobaea scandens	hhp	20	purple	.75	2.50		Rapid growing, handsome climber.
Cookscomb, feathered, mixed	hha	3	various	1.00			Exceedingly handsome plants. The dwarf varieties are excellent for pot culture.
Coleus, from newest varieties	tp	2	var. fol.	6.00			One of the most effective plants in carpet bedding.
Convolvulus major	ha	10	various	.40	1.25		
Japanese	"			.50	1.75		C. Major (Morning Glory) is one of the best known climbers.

					1 oz. $\frac{1}{4}$ lb.			
Cypress Vine scarlet -----	ta	10	scarlet	.60	2.00			
" mixed -----	"	10	div.	.50	1.75	}	Well-known	beautiful climbers.
*Dahlia , finest double -----	hha	6	various	3.00				
Daisy , double -----	hp	$\frac{1}{4}$	various	2.50				
*Dianthus Chenensis , double-----	"	1	mixed	.75	2.50	}	Fine variety of China Pink; should be in every garden.	
Dolichos lablab -----	ta	10	purple	.40	1.25	}	Hyacinth Bean; free growing climber.	
Eschscholtzia California -----	ha	1	yellow	.50	1.50		Useful, bright looking plants.	
Everlasting Rhodanthe flowers -----	"			.60	2.00		For Winter bouquets.	
Foxglove (Digitalis) -----	hp	3	various	.75	2.50		Showy mixed varieties.	
*Four o'Clocks (Mirabilis) -----	hhp	2	various	.50	1.50		Well-known useful plants.	
*Gaillardia , mixed -----	"	2	various	.75	2.00		Beautiful for border or pots.	
Gourd , Dipper -----	ta	10	yellow	.40	1.25			
" mixed -----	"	10	yellow	.40	1.25	}	Mock Orange; excellent rapid growing climbers, with pec- uliar and handsome fruits.	
Helichrysum Bracteatum, Im- mortelle Mixed -----	ha	2		.60	2.00	}	For Winter bouquets.	
Heliotrope , mixed vari. -----	hhp	1	various	1.50			Well-known fragrant plants.	
*Hollyhock , double mixed -----	hb	6		1.00				
Japanese Morning Glory -----	ta	15	varieg'd	.50	1.75		Climbers.	
Larkspur Tall Rocket -----	ha	3	varieg'd	.75	2.50			
Lobelia mixed varieties -----	hha	$\frac{1}{2}$		1.50				
Marigold African -----	ha	1	mixed	.75	2.50			
" French Dwarf -----	"	2	mixed	.75	2.50	}	Fine class of plants for mixed beds or borders.	
Mignonette , large flowered -----	"	1	bluff	.60	2.00			
" pyramidal flowered -----	"	1	bluff	.60	2.00	}	The New Giant Pyramidal is a variety of recent introduc- tion.	
Mexican Fire Bush (Kochia) -----		2 $\frac{1}{2}$		.50	1.50		Used as a hedge.	
Moon Vine -----	"	20	white	.75	2.50			
*Mimulus moschatus (Musk Plant) -----	hhp	$\frac{1}{2}$	yellow	9.00				
Myosotis alpestris -----	hp	spr.	blue	1.00				
Nasturtium								
" Tom Thumb, yellow -----	ha	1	yellow	.20	.60			
" King Theodore -----	"	1	black	.25	.75			
" Dwarf mixed -----	"	1	various	.15	.50			
" Tall, mixed -----	"	6	various	.15	.50			
Many Other Colors & Varieties of Nasturtium								
*Pansy Non Plus Ultra -----	hp	$\frac{1}{2}$	various	6.00				
* " Extra choice mixed -----	"	$\frac{1}{2}$	various	3.00				
* " Bugnot -----	"	$\frac{1}{2}$	various	4.50				
*Passiflora coerulea -----	"	10	various	1.50			Bronzy purple foliage.	

		1-64 oz. 1 oz. $\frac{1}{4}$ lb.					}
Petunia finest mixed double		5.00					
" " " single	"		2.00				
Phlox Drummondii	hha		sc. & w.	1.75			
Poppy finest mixed double	"	1	various	.40	1.25		
" Shirley	"	1½	tinted	.50	1.75		
Portulaca , mix., single	hha	½	various	1.00			
" double finest	"	½	various	3.00			
Primula Sinensis , mixed	gp		mixed	6.00			
Rocket Sweet, mixed	ha	1	mixed	.50	1.75		
Ricinus , mixed varieties	hha		various	.50	1.75		
Stock , German, Ten Weeks, mix	nha	1	various	2.00			

SWEET PEAS—MORSE'S VARIETIES

Sweet Peas, Early Flowering Spencer Varieties

- " Early Blue Boy, clear blue
- " Early Columbia, best pink and white bicolor
- " Early Harmony, clear lavender
- " Early Mrs. Kerr, a fine shade of salmon
- " Early Silver Blue, a delicate shade of lavender blue
- " Early Torch, salmon orange
- " Early Vulcan, the most vivid scarlet in Sweet Peas and does not burn
- " Early Snowflake, pure white
- " Zvolanek's Rose, bright rose pink
- " Late Spencer Varieties
- " Austin Frederick Improved, large pure lavender
- " Royal Purple, rich purple
- " Glenaeagle, blue mauve
- " George Shawyer, large orange
- " Hebe, giant rosy pink
- " Majestic Cream, lrg. deep cream
- " Mary Pickford, cream pink suffused with salmon
- " Crimson King, rich oxblood crimson
- " Doreen, large carmine
- " Campfire, brightest scarlet
- " Mrs. Tom Jones, deep amethyst blue, very fine form

Price on Application

Price on Application

Beautiful bedding or pot plants producing a great variety of charming colors and continually in bloom all Summer.

The *P. Drummondii* is one of our very best annuals, noted for richness in color, profuseness of blossom, and length of duration in bloom.

For bedding and borders.

This popular annual is unrivaled for brilliancy of color: The double varieties are especially beautiful.

Chinese Primrose; is an invaluable and very beautiful class of Spring and Winter decoration of the greenhouse, conservatory or drawing room.

Free flowering fragrant perennials.

Stately plants, with large, handsome foliage.
Very showy.

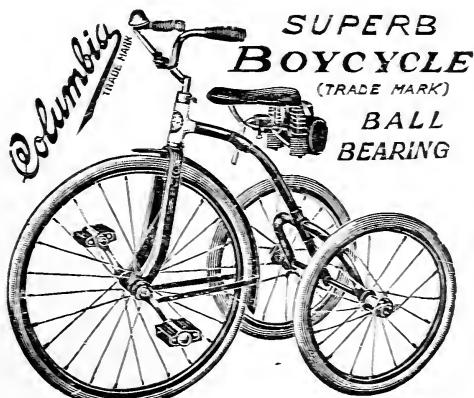
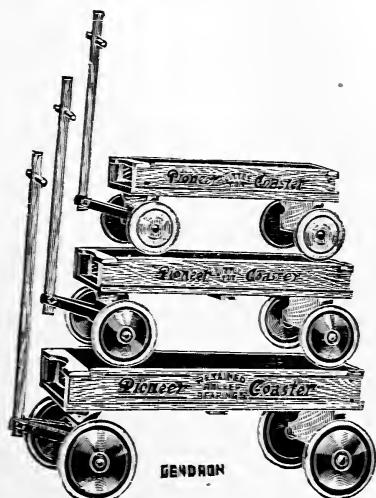
These much admired fragrant flowers are everywhere popular, their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time.

Early Flowering Spencers—Sweet Peas are annually becoming more popular with Florists, both for growing under glass and outdoors. In some localities these Early Flowering Spencers have displaced the original or later flowering type for outdoor planting. Reports from those in the Seed Trade who supply the most critical Florists with their planting stock speak most enthusiastically as to the pureness and quality of our stocks.

			1 oz.	$\frac{1}{4}$ lb.	
Sweet Pea , Navy Blue	ha	5	pure blue	.40	1.25
	"	5	pink	.50	1.75
	"	5	lavender	.50	1.75
	"	5	p. pink	.30	1.00
	"	5	lg. white	.50	1.75
	"	5	moroon	.50	1.75
	"	5	hel'trope	.50	1.75
	"	5		.10	.35
	"	5	various	.25	.90
					A beautiful and highly popular class of hardy annual climbers, deliciously fragrant.
Salvia splendens	hhp	3	scarlet	3.00	
*Scabiosa , double	hb	1½	various	1.00	
Sensitive Plant	ta	1	pink	.75	2.50
Sweet William , aricula flowered	hp			.75	2.50
					Very beautiful hardy perennials.
*Verbena mamoth mix.	hhp	spr.	various	1.50	
*Violet , The Czar	hp	½	blue	4.00	Delightfully fragrant.
Wallflower , single	hhp	2	mixed	3.50	An old-fashioned fragrant flower.
Wool-Flower Celosia Childsii	"			2.50	
Wild Cucumber	ha	20	white	.50	1.75
Wild Flower Garden	"			.75	2.50
	hha	5	mixed	.75	2.50
Zinnia elegans , double					A fast-growing ornamental vine.
					Mixture of fine annuals and perennials.
					Brilliant flowers of many shades of color.

TOYS

We carry in stock a full line of children's toys which we do not list in our catalogue.



HIGH GRADE FERTILIZERS

"Agrico" Fertilizer—The Finest For General Trucking

"AGRICO" Fertilizers contain all the elements of plant food which have long been regarded as essential to the fertilization of growing crops, as well as other elements which have not been so generally recognized.

GUARANTEED ANALYSIS

Ammonia	5 per cent.	
Available Phos. Acid	10 per cent.	Ton (12 bags) \$55.00; per bag. (167 lbs.), \$5.50
Potash	5 per cent.	

Muriate Potash, 50 lbs. \$2.25; 100 lbs. \$4.00; Ton \$65.00

BLACK HAWK MANURE

High grade general Fertilizer for all Crops.

GUARANTEED ANALYSIS

Ammonia	4 per cent.	
Available Phos. Acid	8 per cent.	Ton (12 bags), \$47.00; per bag, (167 lbs.), \$5.00
Potash	4 per cent.	

UNEXCELLED SPECIAL FERTILIZER

We recommend this fertilizer for a general line of crops, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia	2 per cent.	
Available Phos. Acid	8 per cent.	Ton (12 bags), \$39.00; per bag (167 lbs.), \$4.00
Potash	5 per cent.	

FINE GROUND BONE

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS GUARANTEED ANALYSIS

3 per cent. Ammonia.	50 per cent Bone Phosphate of Lime	
5-pound bag for space 20x25 feet.....	.....	.40
10-pound bag for space 20x50 feet.....	.....	.75
25-pound bag for space 25x100 feet.....	.....	1.25
50-pound bag for space 50x100 feet.....	.....	2.25
100-pound bag for space $\frac{3}{4}$ acre.....	.....	4.00
1 ton .....	.....	60.00
167-pound bag .....	.....	6.00

**Bone Phos Fertilizer in 2 lb., 5 lb. and 10 lb. Seal Tight Cartons with directions on each carton
—2 lbs. 30c; 5 lbs. 75c; 10 lbs. 1.00.**

SHEEPSHEAD BRAND PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

Quantity Required. For garden and field crops. 1 to 2 tons per acre—half before plowing, the balance before harrowing. For top dressing grass; use 1 ton per acre in fall or early spring	
25 lbs.	1.25
50 lbs.	2.00
100 lbs.	3.00
Per ton of 2,000 lbs.	50.00

GRASSELLI—ODORLESS PLANT FOOD

Makes Luxuriant Lawns, Gardens, Shrubs, and Trees

100 lb. Bag	\$5.00	10 lb. Bag	.85
50 lb. Bag	3.00	5 lb. Bag	.50
25 lb. Bag	1.75	1 lb. Bag	.15
Nitrogen	4.12%	Total Phosphoric Acid	15.00%
Equivalent to Ammonia	5.00%	Available Phosphoric Acid	13.00%
Potash (K ₂ O)			4.00%
Size of Lot	Amount to Use	Size of Lot	Amount to Use
40x100 Ft.	50 pounds	75x150 Ft.	225 pounds
50x100 Ft.	75 pounds	100x150 Ft.	375 pounds
50x150 Ft.	100 pounds	200x200 Ft.	900 pounds



Springfield Rose Food

AN organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms.

Enthusiastically acclaimed by leading commercial growers and by members of the American Rose Society in all sections of the country.

10 lbs.	\$1.00
25 lbs.	2.50
100 lbs.	5.50

NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown mixed with wood ashes. Does not exhaust the land.

1 lb. bag	\$0.12	25 lb. bag	\$1.75
5 lb. bag	.50	50 lb. bag	3.00
10 lb. bag	.90	100 lb. bag	5.00
167 lb. bag, \$7.00		1 Ton, \$75.00	

SUPER PROSHPATE

16 per cent. Available Phosphoric Acid

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base.

Per 100 lbs.	\$2.25	Per 167 lbs.	\$3.00
Per ton	\$28.00		

PULVERIZED LIMESTONE

You are interested in getting the largest possible return in money, comfort and social advantages from the crop you grow. "Lime Crest" is one of the essentials in securing good crops. Every State Agricultural Department is stressing the use of Lime. It is a waste of time and energy to cultivate the soil until this need of Lime is supplied.

First—Lime is an essential plant food.

Second—Lime aids decaying organic matter to make humus.

Third—Lime prevents humic acid and other compounds from being leached from the soil.

Fourth—Lime prevents the growth of injurious bacteria.

Fifth—Lime aids the liberation of potash and phosphorous.

Sixth—Lime renders clay soils granular and more porous.

"Lime as a fertilizer depends largely on the **available calcium** which it adds to the soil."

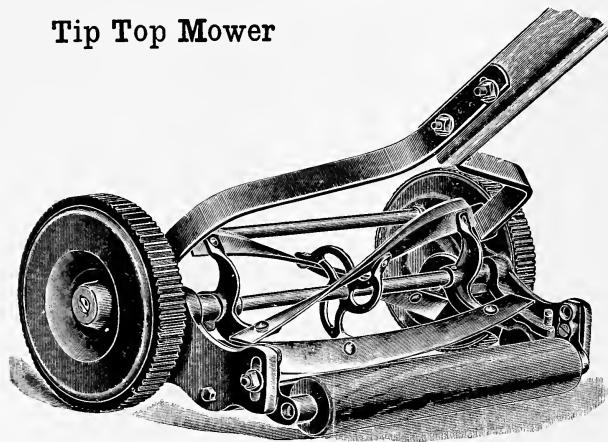
To be effective, Lime must be in form of a powder, and the **finer the powder** the more valuable the product. "Lime Crest" brand of Calcite Pulverized Limestone contains up to 95% of carbonates; is so finely powdered that 70% of it will pass through a 200 mesh sieve, that is, a sieve with 40,000 openings to the square inch. "Lime Crest" is also white in color, and when shipped is packed in 80 pound bags, either cloth or paper, which makes it easy to handle.

Ground Limestone packed in 80 lb. sacks. price \$1.00; \$15.00 per ton.

Special Prices to Garden Clubs and Farmers.

LAWN MOWERS

Tip Top Mower



TIP TOP MOWER

Our Leader

Best Mower for the Price

12-inch	\$6.48
14-inch	6.98
16-inch	7.48
18-inch	7.98

NEW ENGLAND MOWER

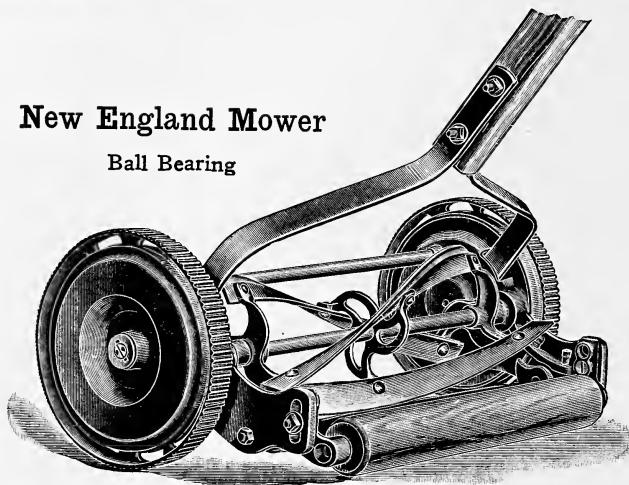
Ball Bearing

A High Grade Mower
Sold at a Low Price

12-inch	\$7.98
14-inch	\$8.48
16-inch	8.98
18-inch	9.48

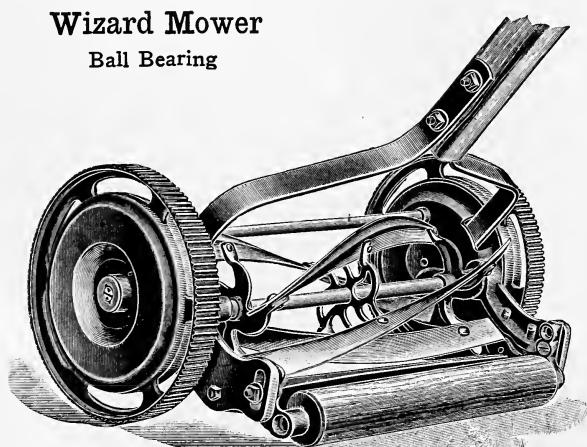
New England Mower

Ball Bearing



Wizard Mower

Ball Bearing



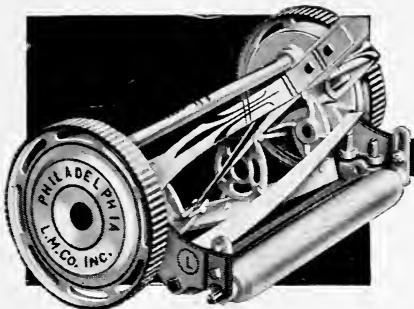
WIZARD MOWER

Ball Bearing

Strictly High Grade

12-inch	\$ 9.50
14-inch	\$10.00
16-inch	10.50
18-inch	11.00

The Philadelphia Line

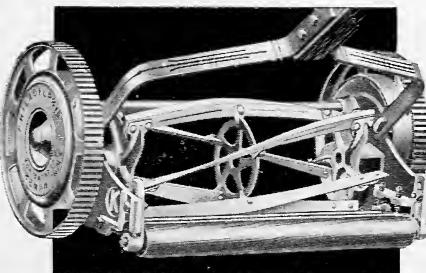


STYLE L

The style L Mower is designed for the home which demands a well built mower for use on small and medium size lawns.

It has medium-size wheels, four crucible steel blades in the revolving cutter, and is made on the same tools and by the same workmen who produce the higher grade mowers.

14 inch	88.98
16 inch	\$9.48

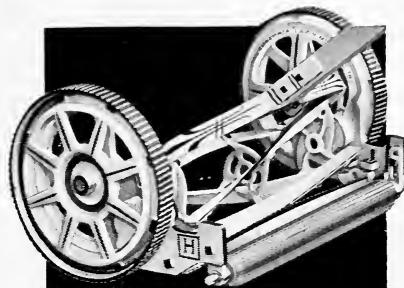


STYLE K

Style K is equipped with Arguto Oilless Bearings.

These mowers are particularly adapted for use on household lawns where a high-grade mower is desired for general use. The materials and workmanship are fully guaranteed. It is a five-blade mower.

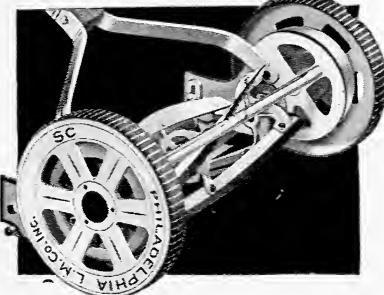
14 inch	\$19.50
16 inch	\$21.50
18 inch	\$23.50
20 inch	\$25.50



STYLE H

Style H is a new open-wheel and open-side frame mower with high wheels. It is exceptionally light in weight and made in the best possible. It is equipped with adjustable roller bearings which make it very easy running. The large diameter revolving cutter is equipped with four crucible steel blades. It is an exceptional mower for the price.

16 inch	\$14.98
18 inch	\$15.48

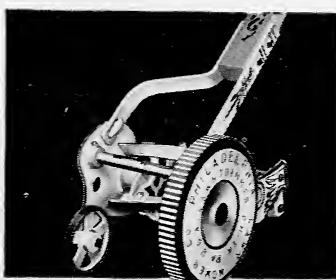


STYLE SC

Style SC is a new pressed steel mower built for that class of trade requiring a mower for ordinary household use.

This mower has nine-inch drive wheels, four crucible steel blades in the revolving cutter. It also is equipped with radial ball-bearings that do not require adjustment or any other attention from the operator.

15 inch	\$21.50
18 inch	\$23.98



TRIMMER

The Philadelphia Lawn Trimmer is the most efficient ever built. It is really a "half-portion" of one of our higher grade mowers designed to mow close to trees, fences and around flower beds and edges—in tight places where a standard-size mower cannot be used.

6 inch	\$11.75
--------	---------

The Philadelphia Motor Mower

The Philadelphia "21-Inch" Motor Mower is a small-size motor machine that can be depended upon to do the work required.

The cutting unit is constructed in the most up-to-date manner developed to accommodate the motor and withstand rough usage. The revolving cutter can be removed from the frame for regrinding without disturbing any other parts.

The motor is a single-cylinder, air-cooled, four-cycle engine of $\frac{3}{4}$ to $1\frac{1}{2}$ H. P. There are but two controls—one for the clutch and one for the gas. The magneto is self contained in the flywheel.

This unit is, in our judgment, the most economical type of mower for lawns of from $\frac{1}{2}$ to 3 acres.

The wide pressed-steel wheels are unbreakable.

The clutch is the most effective ever designed.

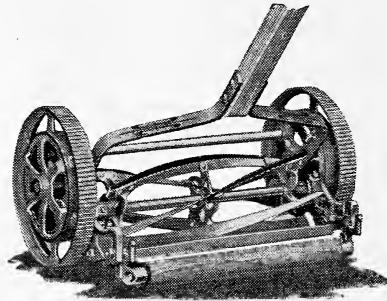
It is guaranteed for materials and workmanship.

21 inch \$150.00

The William Penn Mower

The William Penn is one of the finest ball bearing mowers built. It has a 16-inch cutting blade and is equipped with 10 in. open drive wheels, making it as light as possible.

Price, \$16.50



THE MIRACLE OF MULCH PAPER

Mulch Paper is not offered to the planter as a panacea for all farming ills and as a miracle worker among all types of crops or under all conditions—though it has wrought miracles in hundreds of tests in this country and abroad in the form of increased and earlier yields.

Gator-Hide Mulch Paper is essentially an agent for increasing soil warmth, soil temperature and for eliminating some of the drudgery of weeding and cultivating that has been the lot of the farmer for centuries. It adds heat units to and conserves moisture units in the soil mass in much the same way that fertilizers add to the natural store of plant food elements.

Obviously, there are certain conditions where additional soil warmth and soil moisture are not needed to effect healthy plant development, and since the action of Gator-Hide Mulch is based upon certain scientific principles which we have barely touched upon here, an understanding of these will permit the farmer to use Gator-Hide to the best possible advantage at all times. Its use, however, will hardly require any more judgment than the farmer customarily gives to all agricultural practices.

\$3.50 Per Roll, 18 in. Width

\$7.00 Per Roll, 36 in. Width

Either Type "A" or Type "B"

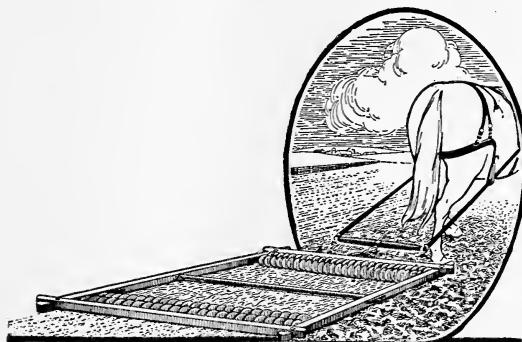
Type "A" Contains 300 Lineal Yards
18 in. Weighs About 30 Lbs. Per Roll

Type "B" Contains 150 Lineal Yards
36 in. Weighs About 60 Lbs. Per Roll

The Meeker Smoothing Harrow

“Helps Good Seeds Grow”

Prepares Any Soil for Planting

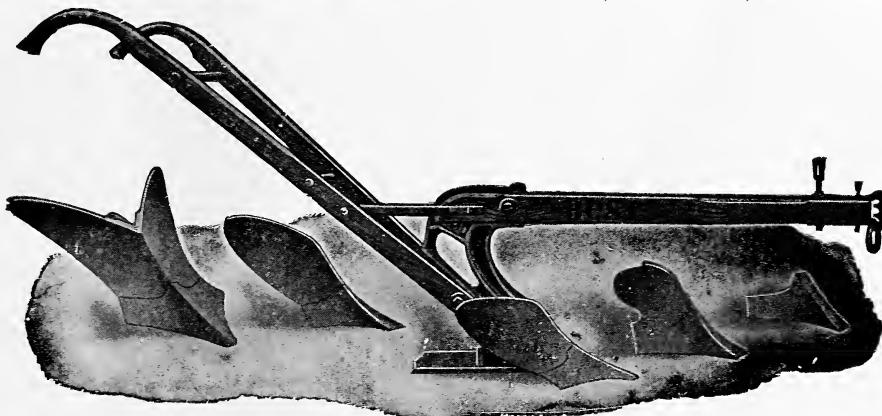


THE MEEKER HARROW is a perfect pulverizing and smoothing harrow and land roller combined.

As the illustration shows, it has four sets of rollers, equipped with 46, 58 or 82 discs, depending upon the size. These discs are set in alternating rows so that the entire surface is thoroughly worked. They grind up all lumps, leaving the soil fine and smooth. Even in damp soil, the alternating arrangement of the discs prevents clogging.

The board in the center serves as a leveler. It is set at an angle and can be adjusted up and down. It smoothes down ridges and fills up the hollows.

Price 6 ft., 8 in. x 6 ft., with 8 discs, \$40.00
Price 4 ft., 6 in. x 4 ft., with 8 discs, 36.00



THE BOSS PLOW

This is the best one horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shares that come with the Plow, the purchaser actually has four plows in one. Price complete \$12.48

No. 1½ Moldboard and Share makes a large one horse Plow.

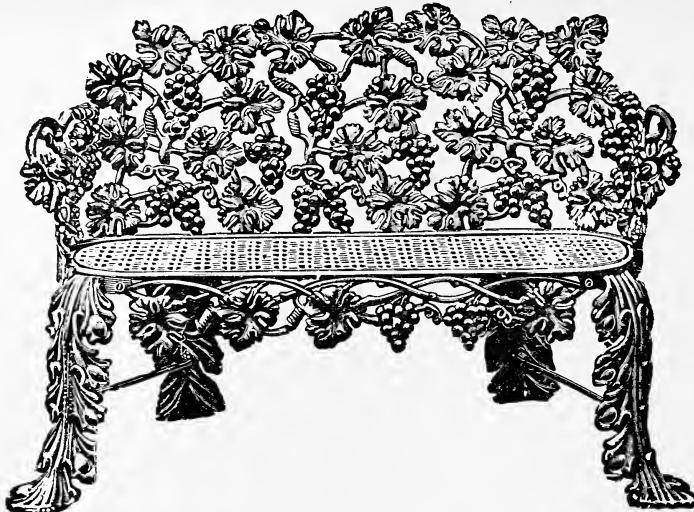
No. 2½ Moldboard and Share making a medium sized one horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

LIME, HYDRATED

The value of lime as a soil improver is so well known that little need be said about it here. Although it possesses little fertilizing value in itself, it is indispensable for correcting acid soils, improving the mechanical condition of the soil, for grass and farm crops. It is finely pulverized. Acting very quickly.

50 lb. Sack 75c

CEMETERY FURNITURE



Cemetery Settees, Chairs, Urns, Etc.

(PRICES ON REQUEST)

We Carry In Stock a Full Line of Lawn Settees, Park Benches, Chairs, Lawn Swings, Etc. in Season

The Eclair No. 1 Sprayer—Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at forty pounds.

Vermorel Dusters are simple and compact—economical and efficient. For applying sulphur, arsenate of lead, calcium arsenate, Bordeaux Mixt., nicotine dust, etc., either of these models will give excellent results.



Vermorel Eclair No. 1 Knapsack Sprayer

In reliability and efficiency the Eclair No. 1 has no equal. Its ease of operation makes spraying a real pleasure.

Furnished in either brass or copper. Price \$20



Vermorel "DOUBLE ACTION" Duster

Double Action—Principally in the fact that it functions both on up and down strokes, thus giving forth a semi-continuous flow. Price \$20

Planet Jr. Garden Tools



Planet Jr. tools are designed and built to do a greater variety of work and to do it better than any others available for the use of the home gardener, market gardener, trucker, and general farmer.



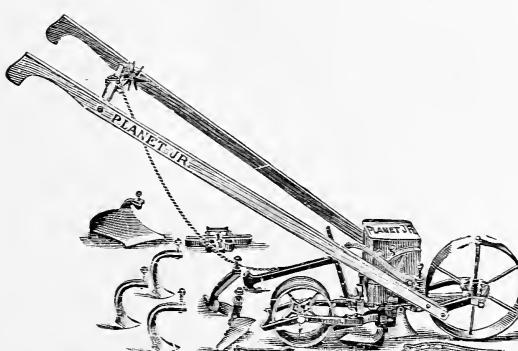
SEEDERS—WHEEL HOES



No. 300 Seeder Price \$20.00



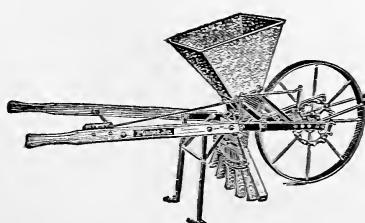
No. 119 Wheel Hoe, Price 4.75



No. 4 Seeder, Only \$14.25
No. 4 Seeder (complete) \$18.00



No. 13 Double-W Hoe, Price \$8.00



FERTILIZER DRILL

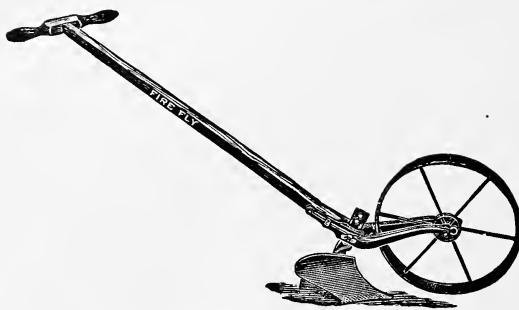
No. 220 Price \$27.00



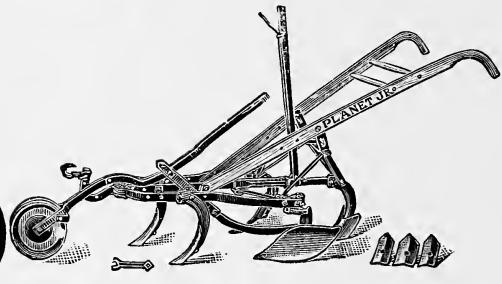
No. 25 Seeder-W Hoe, Price \$21.50

WHEEL
HOES

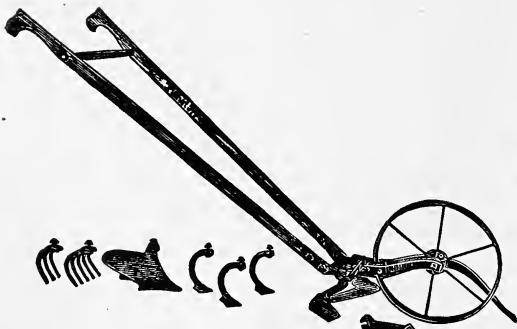
Planet Jr.

HORSE
HOES

Fire Fly Plow, 4.25



No. 8 H Hoe, 16.25



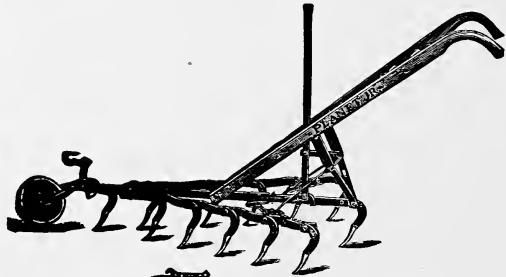
No. 16 Single Wheel Hoe, 9.00



No. 9 Horse Hoe, 14.25



No. 12 Double Wheel Hoe, 10.75



No. 90, 12 Tooth Harrow, 17.00



Lawn Edger, 1.60



Star Pulvilizer, 3.25

Planet Jr.

No. 300 is a very efficient plate seeder intended primarily for the market gardener and large vegetable grower. It is designed for any soil—heavy, sandy, or muck—and will do excellent work in either. Price \$20.00

No. 4 Hill and Drill Seeder and Single Wheel Hoe—Here is a wonderful combination for the home gardener or the small market gardener. Price \$18.00

No. 4-D—Hill and Drill Seeder only. Price \$14.25

No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe Combined. Here is "The complete gardener." Price \$21.50

No. 220 will distribute fertilizer in the middles of three rows 12 to 14 ins. apart; it will side-dress 1 side each of 2 rows up to 36 ins. apart \$27.00

No. 13—A Double and Single Wheel Hoe combined with a pair of 6-inch hoes only. The hoes are sure death to weeds. Price \$8.00

No. 12 Double and Single Wheel Hoe Combined—The No. 12 is a great favorite with home gardeners and market gardeners. Used as a Double Wheel Hoe it straddles the row until plants are 20 inches high. Price \$10.75

No. 11—Same as No. 12 with a pair of 4½ inch hoes and two pairs of rakes added to the above equipment. Price \$13.75

No. 16 Single Wheel Hoe—Here is a very complete, light running cultivating tool suitable for either the home or market garden \$9.00

Fire Fly Garden Plow—Very useful for plowing up the home garden or plowing up poultry yards. Price \$4.25

No. 119 Garden Plow and Cultivator—For those who prefer a high wheel garden cultivator. Price \$4.75

No. 7 Horse Hoe—Designed to do a great variety and better work than any other Horse Hoe available for your use. Price \$15.75

No. 8 is a Horse Hoe and Cultivator combined complete with a depth regulator. Price \$16.25

No. 9 Horse Hoe—The No. 9 is a valuable, practical tool; identical with No. 7 except that it has a plain wheel instead of a lever wheel. Popular because of its strength, lightness, easy change of width and perfection of work. Price \$14.25

No. 82 Seven-Tooth Horse Hoe and Cultivator Combined. Price \$15.75

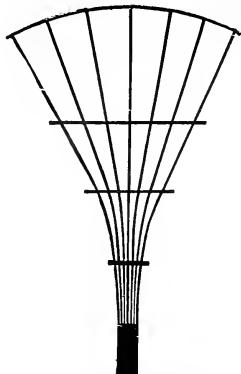
No. 90 Twelve-Tooth Harrow, Cultivator and Pulverizer—A harrow that has proved its time and labor saving value to commercial growers. Price \$17.00

No. 90B—Same as the No. 90, less the pulverizer. Price \$13.75

No. 90D—Same as the No. 90, less pulverized & steel wheel. Price \$10.75

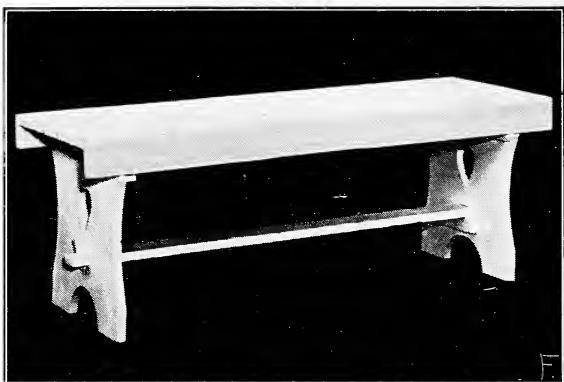
No. 101 Plain Cultivator—The No. 101 is simple, strong and easily handled. Light so that the operator can lift the cultivator and work the side of the ridge, close under the leaves. Price \$11.00

GARDEN FURNITURE



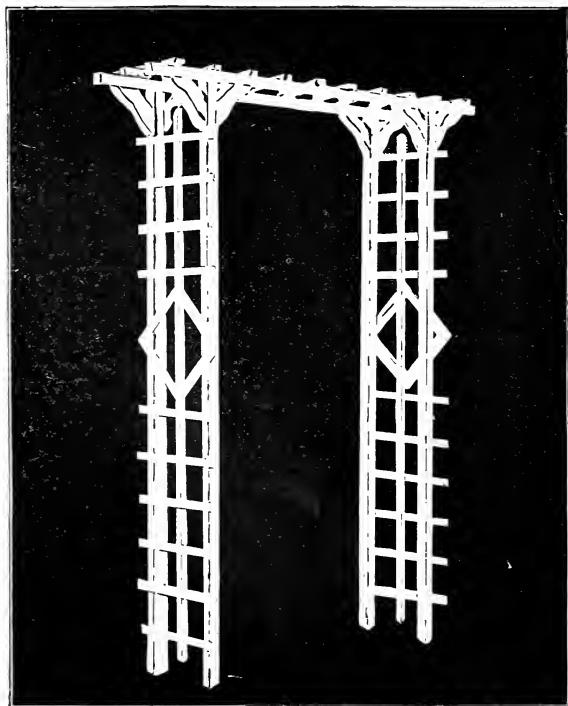
Fan Trellis No. 2

No. 2, 6' Fan Trellis has seven ribs, is six feet high and spreads to 48" across the top. This fan is of medium size, and is designed for use with the vine or bush of modest proportions. **Price \$1.48.**



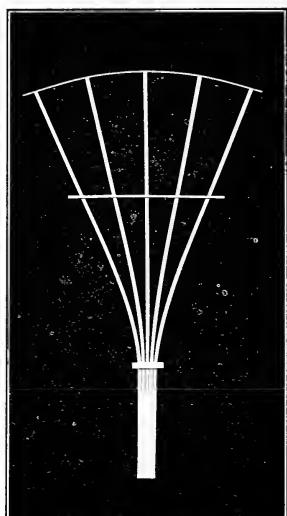
Lawn Bench No. 27

The Lawn Bench when placed in some shady spot in the lawn affords a delightful resting place. This bench is sturdily built, comfortable and serviceable, and will add much to the beauty of the home. It is 17" high, 18" deep, and 4' long. **Price \$7.50.**



Rose Arch No. 10

The Rose Arch, pictured here, will enhance the beauty of the most elaborate garden or lawn. It is suitable for use as an entrance or as a lawn decoration. It is 7' high, 63" across top, 42" wide and 18" deep. It is made from 2"x2" material and rigidly constructed. **Price \$10.00.**



Fan Trellis No. 1

No. 1 Fan pictured is well proportioned, sturdy and serviceable, it has five ribs, is five feet high, and spreads to 30" across the top. It is adapted for use with the small vine or bush. **Price \$1.00.**



Six Tine Manure
Fork,
Strapped, \$1.75.



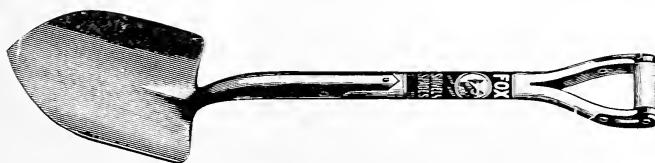
Five Tine Manure
Fork,
Strapped, \$1.59



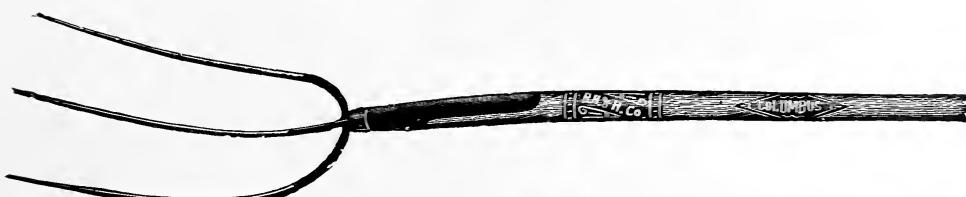
Four Tine Spading
Fork, 98c
Heavy \$1.75



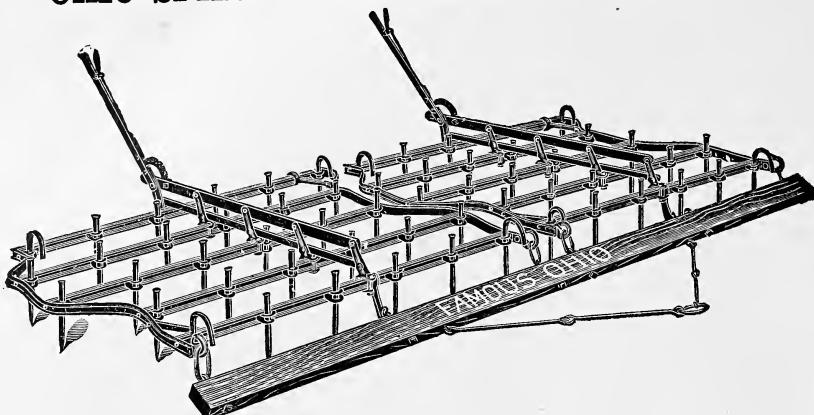
Five Tine Spad-
ing Fork,
Strapped \$1.98



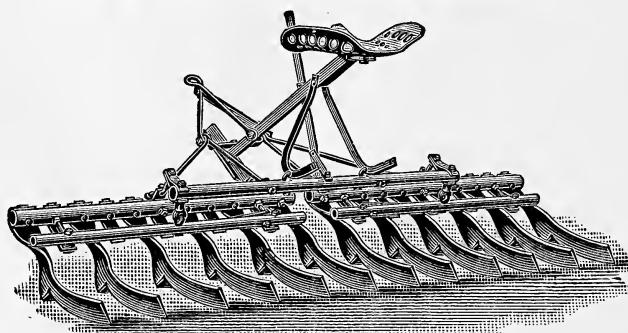
Fox Spades. \$1.50



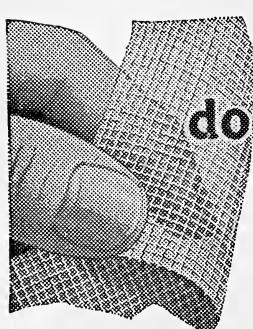
Three Tine Hay Fork, 5 ft. handle, Strap ped, \$1.10. 5 1-2 ft. handle, Strapped, \$1.25.

OHIO SPIKE TOOTH HARROW - 60 Teeth

The U-bars, channels, oscillating bars and teeth, are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with $\frac{5}{8}$ teeth, \$13.98, or in Two 30 tooth sections with $\frac{5}{8}$ teeth, \$26.00.

ACME PULVERIZING HARROW

G 1 Horse, Cuts 3 ft.	\$15.00
H 1 Horse, Cuts 4 ft., 4 in.	22.00
23 2 Horse, Cuts 6 ft., 6 in.	28.00



Flexible - but doesn't crack or break

CEL-O-GLASS is also ideal for greenhouse and hotbed sash. Its extremely light weight and the fact that it is unbreakable permits of lighter construction and resulting economies

heretofore impossible with ordinary glass.

CEL-O-GLASS IS NOT A FABRIC. It has a tough wire mesh base which gives it almost unbelievable strength. It is unbreakable, hail-proof, snowproof, rainproof and heatproof. Thousands of florists and growers have proved the durability of CEL-O-GLASS in actual use. It is easy to apply and presents a very neat and attractive appearance. An ordinary hammer, a few tacks and a pair of scissors are all the tools you need. No glazing, no expensive labor. No breakage.

CEL-O-GLASS comes in rolls 3 feet wide, in any length desired. Include a trial roll of CEL-O-GLASS in your next order. Price, 17c sq. ft.; roll, 15c sq. ft.

Labels, Wooden

Tree and Pot Labels are both supplied in 100; 500, and 1000 lot packages.

Tree Labels 3½ inch copper wired, painted, per 100, 50c; 500, \$1.50; 1000, \$2.75.

Iron Wire, per 100, 40c; 500, \$1.50; 1000, \$2.50.

Wooden Pot and Garden Labels

Inch	Painted		
	100	500	1000
4	\$0.25	\$1.00	\$1.70
5	.30	1.25	2.00
6	.35	1.50	2.50
8	.90	3.50	6.50
10	1.35	5.50	10.00
12	1.60	7.00	13.25

Plant-Tubs, New York Cedar. Made of the choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress.

No.	Diam.	Ht.	Price	No.	Diam.	Ht.	Price
1	12 in.	10½ in.	\$2.98	3½ in.	16½ in.	5.48	
2	13 in.	13 in.	3.75	4	19½ in.	17 in.	5.98
3	14½ in.	15 in.	4.25	5	22½ in.	18½ in.	7.98

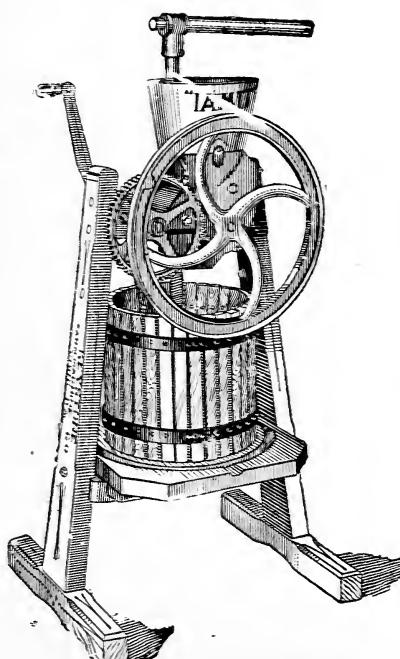
Tree Tubs.—Made of seasoned, selected Virginia White Cedar; bound with electric-welded wire hoops (galvanized), three hoops to each, except the smallest two tubs which have two.

No.	Inside Top Diam.	Inside Depth	Price
	inches	inches	
2	7	7	\$0.70
3	8	8	.75
4	9	9	.80
5	10	10	.90
6	11	10	1.15
7	12	11	1.35
8	13	12	1.50
9	14	13	2.00
10	15	14	2.50

THE "I AM IT" CIDER MILL

A combined Mill and Press with geared cylinder and adjustable concave, so that grinding can be done, as desired, either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

Price on Application



"I AM IT" CIDER MILL

APPLE AND GRAPE GRINDERS		Prices on Application
No. 11	No. 22	

Wire Flower Stands

1 Step	Wire Flower Stand, 24 inches	\$2.98
1 Step	Wire Flower Stand, 30 inches	3.48
2 Step	Wire Flower Stand	4.98
3 Step	Wire Flower Stand	5.98
4 Step	Wire Flower Stand	8.00

Wooden Plant Stakes

Stakes—Round Green		Heavy	
Tapering	Light	Length	Doz.
		3 feet	\$1.25
		2 feet	\$0.50
		4 "	1.50
		3 "	.90
		5 "	2.00
		6 "	2.50

Imported Bamboo Stakes

These Stakes are very strong and durable
Natural Color

4	feet.	Per doz.	Per 100
6	feet.	Per doz.	6.00
8	feet.	Per doz.	8.00

Green	In.	Doz.	100	1,000
	30	.25	\$1.25	\$7.00

Neponset Waterproof Paper Flower Pots

Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

PRICES

Ins.	Doz.	100	per 100	1,000
2½	12c.	\$.65	2 lbs.	\$4.50
3	15c.	.80	3 "	6.50
3½	18c.	1.10	4 "	8.50
4	25c.	1.50	5 "	10.75
5	35c.	2.50	8 "	16.00
6	40c.	2.75	10 "	22.00

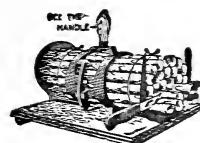
CIDER MILLS

No. 11	Prices	Junior	\$35.00
No. 22	on	Medium	38.00
Wizard	Application	Senior	\$50.00

**Acme Asparagus Buncher**

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch.

Price \$4.50

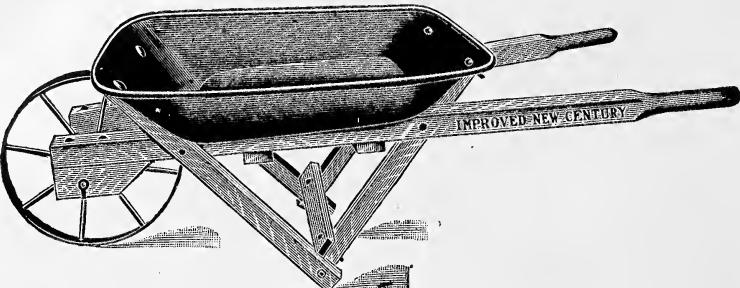


Canal Barrows

Bolted Steel Wheel \$4.48

**Improved
NEW CENTURY**Steel Tray and
Steel Wheel**WHEELBARROW**

Weight 42 lbs.



A First-Class, well-made steel-wheel Wheelbarrow, with $\frac{1}{2}$ inch steel rod rolled in edges of tray. Wood frame made of well-seasoned lumber, well bolted together, also to tray. While the tray of this Barrow is a trifle lighter than our regular steel Barrow, it is good strong Barrow, and sold at a reasonable price, not very much more than a common wooden canal barrow. TRY THEM.

Price \$5.98

Apokeepsing, extra heavy, No. 1, \$8.48

DUTCHESS BOLTED GARDEN BARROW

Steel Wheel

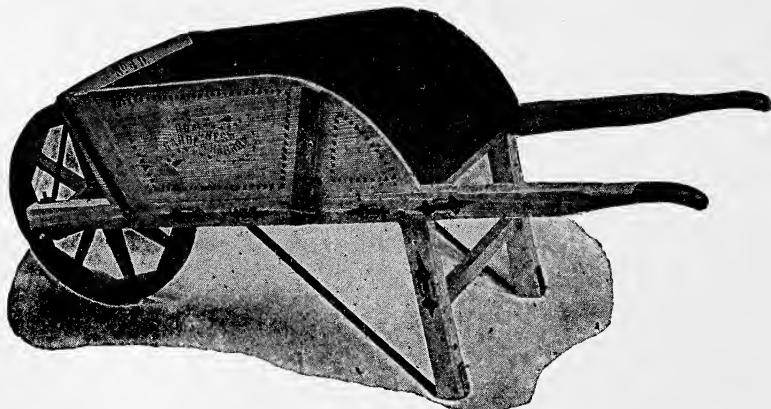
No. 3 Med. size \$6.48

No. 4 D. Lar. size 7.75

No. 5 E. Ex. Lar. 8.48

Wood Wheel

No. 2 B. \$5.75

**MAIL BOXES—Rural Gem No. 4, With Self-Closing Door**

Approved by Postmaster General

DESCRIPTION.

Made from 22-ga. galvanized steel; absolutely storm-proof; the door is hinged at the bottom and yet is kept constantly closed by a spring hinge—cannot carelessly be left open nor blown open by the wind; has a large flag, visible for a long distance and easily operated; has inside



letter and penny holder; has a drop-letter hole in door; has substantial steel padlock-hasp; words "U. S. Mail" and "Approved by Postmaster General" are embossed in door and will remain as long as the box lasts; finished in weather-proof aluminum, fully one inch taller than most boxes of this style, \$1.48.

KEEP PLANT INSECTS AWAY



Kills both chewing and sucking varieties—Aphis, Thrip, Leaf Hopper, Leaf Roller, Cut-worms, Rose Chafer, Squash Beetle, Cabbage worm, Tent caterpillar, etc.

Harmless to man, livestock, birds and pets. Will not burn or harm tender plants or flowers. Safe and pleasant to use.

Just mix with water and stir—it stays in solution and won't clog sprayers or corrode metal.

Mailable—being non-poisonous, Ever Green may be sent through the mail.

1 oz. bottle, 35¢; 6 oz. bottle, \$1.00

16 oz. bottle, \$2.00; Qt. can, \$3.50

Gallon can, \$13.00



The Best Inoculation
for All Legume Seeds

FARMOGERM THE "ALWAYS FRESH" INOCULANT
NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4-bus. size	\$0.35	1-bus. size	\$1.00
1/2-bus. size .....	.60	2 1/2-bus. size	2.25
10-bus. size	\$8.00		

Special Reduced Prices on Cultures for Large-Size Seeds,
Soy Beans, Cowpeas, Peas, Beans, etc.

1/2-bus. size	\$0.35	1-bus. size	\$0.60
5-bus. size	\$2.25		

Special Garden Size for Garden Peas, Beans, and Sweet
Peas, 25 cts.



Glorious Gardens—Perfect House Plants
MAKE YOUR FLOWERS AND VEGETABLES GROW FASTER



THE MAGIC FERTILIZER IN TABLET FORM

STIM-U-PLANT is the only complete plant-food in tablet form. The three mineral plants (flower and vegetable) are nitrogen, phosphoric acid, and potash. Because of this fact, STIM-U-PLANT tablets are made up of these three in a balanced ration of 11 per cent. Nitrogen, 12 per cent. Phosphoric Acid, 15 per cent. Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

Small size, 30 tablets \$0.25 Medium size, 100 tablets \$0.75

Large size (pail), 1,000 tablets, (enough for season's supply for
medium-sized garden) \$3.50.

Insecticides and Remedies for Plant Diseases

Volek. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. $\frac{1}{2}$ pint, 50c; pint, 75c; qt., \$1.00; gal., \$3.00; 5 gal., \$12.00.

White Helleboro. An excellent remedy against currant worms, rose slugs, caterpillar, etc. Can be used either dry or in water; $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c.

Lime and Sulphur Solution. For San Jose scale, 1 gal. makes 15 by adding water. 1 qt., 50c; 1 gal. 1.00; 5 gal. 3.75; $\frac{1}{2}$ bbl. (30 gal.) 25c; 1 bbl. (50 gal.) 20c gal. Dry—lb. 30c; 5 lbs. 1.25; 10 lb. 2.00; 25 lb. 4.00.

Fish Oil Soap. One of the most effective agents used for destroying scale bug, plant lice and all other insects injurious to vegetation.

Price, 1-lb. box, 30c

ARSENATE OF LEAD—DRY

Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain.

1 lb. lots 30c; 5 lb. lots \$1.25; 10 lb. lots \$2.20

25 lb. lots \$5.00

PEACH TREE BORER—(para—Dichlorobenzene)

—A successful remedy for Peach Tree Borer. Recommended by U. S. Department of Agriculture and the State Experimental Station—Price, 1 lb., 50c.

PYRETHROL Will Control Most Soft-Bodied Insects
Japanese Beetle, Rose Chafers, Lace Bugs, Potato
Bugs, Aphis, Cabbage Worms, Currant Worms,
White Fly, Thrips, Cucumber Beetle
And Many Other Types

$\frac{1}{2}$ lb. tins, making 4 to 6 gals. finished spray \$0.50

2 lb. tins, making 16 to 24 gals. finished spray 1.50

10 lb. tins, making 80 to 320 gals. finished spray 6.00

BLACK-LEAF 40. A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilute one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package, 1-oz. bottle 35c; $\frac{1}{2}$ -lb. tin \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

BORDEAUX-ARSENATE OF LEAD. A combination in proper proportions of the standard insecticide and fungicide remedies, thus killing insects and eliminating fungus plant diseases at one spraying and accomplishing the objects in half the time required to spray on separately. Dry, 1 lb., 35c; 5 lb., 30c; 10 lb., 28c.

BORDEAUX MIXTURE OR FUNGIROID—For all fungous diseases, such as mildew and the various rots of the grade. Full directions on label. Dry, 1 lb. 28c; 4 lbs. 20c; 10 lbs. 19c; 25 lbs. 17c; 50 lbs. 16c; 100 lbs. 15c.

PYROX. The best and safest all-round spray for all insects, blights and fungus troubles. Kills Potato bugs. Sticks like paint. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00. Quantity price on application.

CUT WORM FOOD—It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as it found in package. Price 45c.

TREE TANGLEFOOT. A paste preparation for painting around the trunk of trees, in the form of a band. Caterpillars and other crawling pests cannot go over it. Lb., 60c; 3 lb. can, \$1.65.

WEEDICIDE—Kills grass and weeds of every kind on roadways, gutters, tennis courts, etc., by one application. Price 60c qt.; \$1.50 gal; \$5.50 five gallons.

GRAFTING WAX. A wax manufactured specially for grafting trees, bushes, shrubs, etc. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c.

PARIS GREEN—Strickly Pure. Market Price.

WE HAVE IN STOCK MANY OTHER INSECTICIDES NOT LISTED ABOVE

Sulphur, Powdered—A remedy for insects of all kinds, both by itself and in combination with other remedies. 1 lb., 15c; 5 lbs., 10c—Special Price bbl. lots.



Hammond's Slug Shot—An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars, 1 lb. 20c; 5 lb. pkg., 60c.



Copper Solution for Mildew and Blight
Price, 1 qt., \$1.15

Kerosene Emulsion for Caterpillars
Price, 1 qt., 75c; 1 gal., \$2.00

Grape Dust for Mould, Mildew or Rust
Price—5 Lbs., 85c

Double Ground Land Plaster—
Per 100 lb. bag, \$1.50—Ton \$25.00.

GROW FINE HEALTHY ROSES

These Well Known Wallingford Rose Preparations Bring Success
Use These Companion Sprays



Destroys mildew and controls black spot, the two most dangerous enemies of the Rose, and at the same time supplies an essential fertilizer that assures luxuriant foliage and vigorous plants with amazing blooms. Its invisible film safeguards.

PRICES By P. Post

Half pint	\$0.75	\$0.90
Pint	1.25	1.50
Quart	2.00	2.35
Half gallon	3.50	4.00
Gallon	\$6.00	By Express



A combined Fungicide, Insecticide and Fertilizer. Practically invisible. A complete spray for most leaf-chewing insects, to be used alternately with Fungtrogen. The noted collection of roses at the Wallingford, Pa., Rose Gardens is systematically sprayed with both Fungtrogen and Insectrogen well into the late frosts.

PRICES By P. Post

Half pint	\$1.00	\$1.15
Pint	1.75	2.00
Quart	2.75	3.10
Half gallon	4.50	5.00
Gallon	\$8.00	By Express



Two or three applications of this powerful aphicide will rid your plants of the destructive aphid or green louse. It is also an effective plant stimulant; it does not show on the foliage.

PRICES By P. Post

Four ounces	\$ 0.75	\$0.90
Half pound	1.25	1.50
Two pounds	3.50	3.85
Twelve lbs.	\$15.00	By Express



Lowell Continuous Sprayer

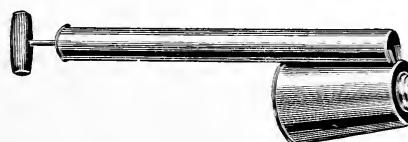
Improved style. Highest quality metal throughout, strong and durable. Has 2 spray caps, one for spraying up, the other for straight ahead or at any angle. So constructed that it not only sprays on the downward stroke of plunger, but also when it is drawn back, thus causing a continuous mist-like spray, enabling one to spray three times as fast and with one-third the labor. Length, 20 inches. Capacity, one quart. (P. P. weight, 2 lbs.)

Each, TIN, 90c; GALVANIZED, \$1.15;
BRASS, \$1.25.

Jumbo Midget
Lowell Tin Sprayer

Specifications—Tank: 3 inches diameter, 4 inches long. Pump tube, 1½ inches diameter, 13 3-4 inches long. 3-4-inch can screw for filling. 3-16-inch plunger rod. Length over all, 17 1/4 inches. Capacity, about 1 pint. Made of 107-lb. tin plate. Equipped with Drip Cup.

No. 118—Jumbo Midget—Price 40c



Lowell Grand Sprayer

A sprayer made with a tapering tank running lengthwise with the pump. The tank is extra large. The spray tubes are exceedingly short.

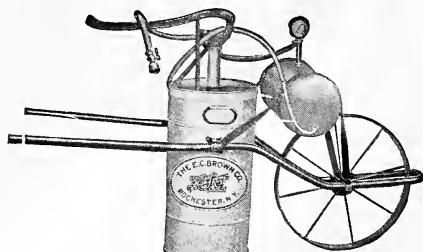


Baby Midget Lowell Tin Sprayer

Tank: 3 inches diameter, 3 3-16 inches long. Pump tube, 1¼ inches diameter, 10 inches long, 3-4-inch can screw for filling. 3-16-inch plunger rod. Length over all, 15 ½ inches. Capacity, about ½ pint. Made of 107-lb. tin plate.

No. 122—Baby Midget—Price 35c

SPECIFICATIONS—Tank: Tapering small end, 3 inches diameter; large end, 4 inches diameter, 5 3-4 inches long. Pump tube, 1½ inches diameter, 19 ½ inches long. 3-4-inch can screw for filling. ¼-inch plunger rod. Length over all, 22 ½ inches. Capacity, one quart. No. 105 Grand—Gal.—Price 65c.



BROWN'S AUTO-SPAY NO. 3

The compression tank allows the operator to store up enough pressure so that the pump will spray for some time after pumping ceases. Capacity 12 gallon. Galvanized. 3 F. Price \$29.00.



BROWN'S AUTO-SPRAY NO. 9

Pump plunger locked into pump cylinder permitting entire pump to be lifted from tank without trouble when refilling. Capacity 4 gallon.

No. 9-B Brass-Tank \$8.98
No. 9-D Galv-Tank \$5.98

BROWNS
AUTO-SPRAY
NO. 50

Capacity
2½ Gallon
No. 50-D Galv.
5.48

It's Double Acting
The Same Spray With Half The Labor

Use with any pail or bucket

AUTO-SPRAY NO. 5 is generally acknowledged to be the most powerful pump of this type manufactured, generates a pressure of 200 lbs. with remarkable ease. Throws continuous. Specifications. Solid brass throughout. Price 4.25

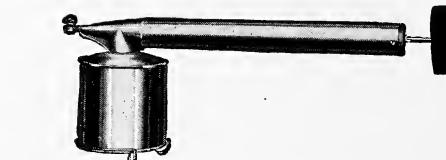
BROWN'S AUTO-SPRAY
NO. 8

**Pump and Tank
Combination**

A high pressure pump capable of generating 200 pounds of pressure. We believe there is no other sprayer manufactured of this type that will create, with the same ease, as high a pressure as this pump.

This sprayer is double acting and works with both up and down strokes, hence produces a continuous spray.

Auto-Spray No. 8, \$6.98

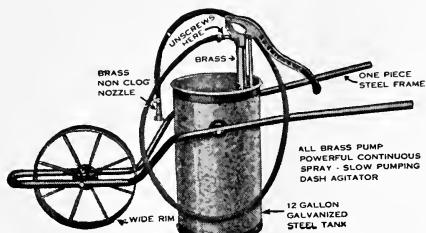
BROWN'S AUTO SPRAY NO. 26
Continuous Atomizer

This Atomizer will spray insecticide in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. Auto-Spray No. 26-C, All Brass, 1 qt., with legs, \$1.25.



NEW ERA NO. 23 C

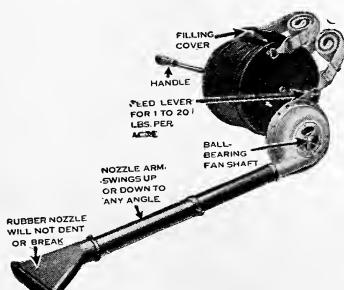
A NEW CONTINUOUS ATOMIZER that will perform satisfactorily under all conditions. Designed to handle cattle fly spray, floor oils and other liquids not easily applied with ordinary sprayers. No. 23-C. Qt. \$2.48

**SMITH NO. 50 WHEELBARROW SPRAYER**

12 gallon heavy galvanized tank, all brass pump, agitator, 8 ft. heavy hose, brass nozzle for two different sprays. Steel frame made in one piece, strong and rigid. A high grade, well built Wheelbarrow Sprayer for small orchards and general spraying. Easily wheeled about. Price \$14.00.

**SMITH NO. 25 BARREL PUMP**

Nozzles, cylinder, ball valves and valve seats entirely of brass. Double acting barrel spray pump. Requires no priming. Pump barrel of heavy brass. Pump not affected by strong mixtures. Pump quickly attached to any barrel. Price \$12.00 each.

**SMITH SAVAGE DUSTER**

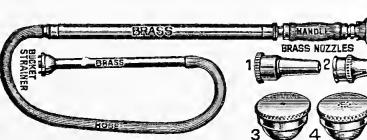
Handles everything in powdered form. Highly adapted for dusting Insecticides or Fungicides for killing insects and preventing blight. Fan and fan housing made of aluminum; fan works on ball bearings. Gears are machine cut bronze and encased in grease. Nozzle arm on swivel so can dust in front or rear of operator or upwards with smaller trees, etc. Feed lever to regulate adjustment from 1 to 20 lbs. to acre. Holds from 7 to 10 lbs. poison. Price \$17.98.

**SMITH NOZZ BANNER
COMPRESSED AIR
SPRAYER**

Price: Brass 8.98 each. Galvanized 6.48 each
SMITH SAVOL SPRAYER



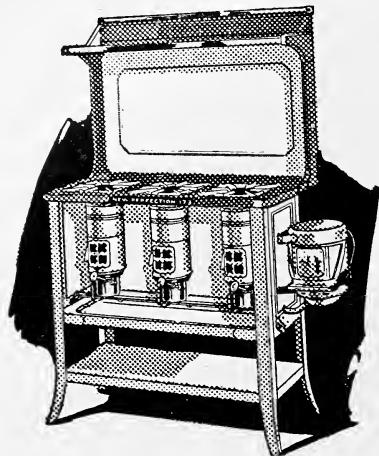
Continuous sprayer with glass jar and 4 in 1 adjustable brass nozzle for steram, spray, mist, vapor. Jar has large broad opening for easily filling and cleaning. An ordinary screw top mason or mayonaise jar may be used also. For spraying Lacquer, Duco, Insecticides, Disinfectants, Flowers, Gardens, oil on automobile springs, Bronze on radiators, etc. Price \$1.50 each.

**SMITH NO. 45 STURDY SPRAY PUMP**

Unexcelled for spraying fruit trees, shruberry, shade trees, truck crops, vines, whitewash, fighting fires, etc. Sprays Insecticides, whitewash, Carbola, disinfectants, etc. Throws stream 40 feet long. Used with any pail or barrel. Works very easily with slow up and down stroke. All working parts of brass valves and plunger. Will last for many years. Price \$4.75.

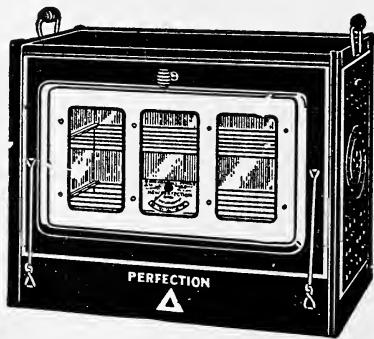
PERFECTION

Oil Cook Stoves and Ovens



We have a full stock of Perfections—the world's leading oil stoves—in their new beautiful finish.

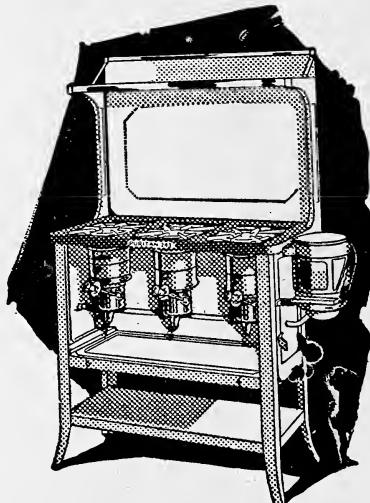
Perfect Baking



No Mixing of Flavors

Cake, fish and onions can be baked at one time in a Perfection "Live Heat" Oven without mixing flavors. Unique system of ventilation admits a large volume of freshly heated air from the burners which circulates around the food and carries away all moisture and odors.

One and two burner sizes, several styles. Can be used on any oil, gasoline or gas stove.

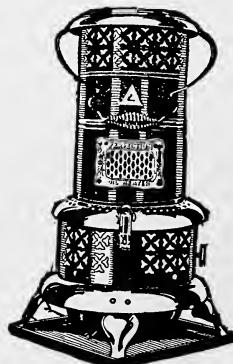


Puritan Short-Drum Stove

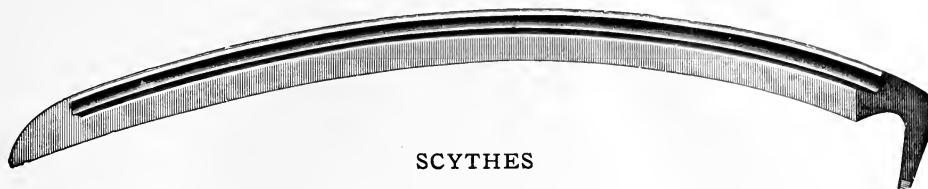
With a blue flame that plays directly on cooking utensils, the Puritan Oil Stove gives all the cooking satisfaction of a gas stove. The Puritan responds promptly when the handwheel is turned for a lower or higher flame.

Perfection Oil Room-Heaters

Chase Chills from Cold Corners



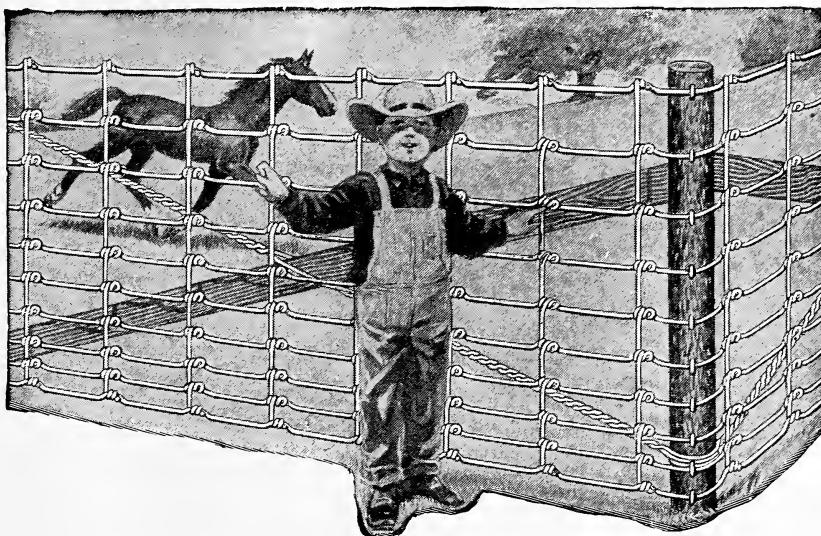
An Assortment of Styles and Colors



SCYTHES

Blood's Ribbed Back. Nothing better.....	\$1.75
Blood's Plain Back, Polished.....	1.75
English Lawn. An elegant tool for fine work.....	2.75
Bush Scythes. For rough work.....	2.00
Snaths, Patent, Plain and Bush, Scythe Stones and Rifles in variety.	
Floral Sets, consisting of Hoe, Spade and Rake.....	25c 39c 75c 1.00 1.50 2.50
Trowels	10c 15c 25c 40c
Strawberry or Pruning Forks.....	10c 15c 25c 35c
Fruit Pickers. Do not bruise fruit.....	50c
Excelsior Weeder.....	12c
Grafting Wax.....	1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c

NATIONAL FENCE



National Farm Fence, 45-inch. Price, per Rod (by roll) 60 cents.
 National Farm Fence, 32-inch. Price, per Rod (by roll) 55c & 70c.

NEW NATIONAL POULTRY FENCE

58-inch, Price, per Rod (by roll), \$7.98

Galvanized Wire Netting
 48-inch, Price per Rod (by roll), \$6.50

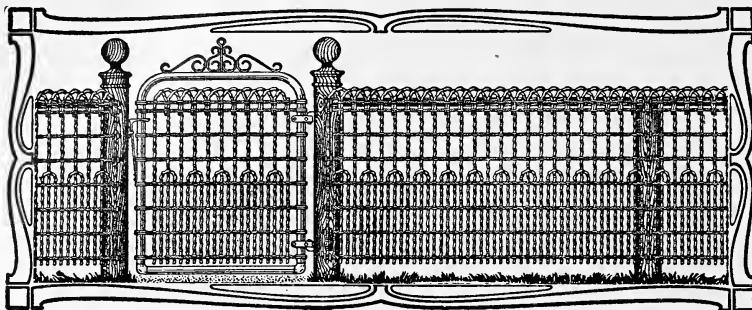
Poultry Netting

Our Poultry Netting is woven from the best quality of steel wire of full standard gauge. It is heavily galvanized after weaving, thus insuring the greatest durability.

Wire 2 inch Mesh, 1 ft., 2 ft., 2 1/2 ft., 3 ft., 4 ft., 5 ft., 6 ft. No. 20 Wire 1 inch Mesh, 1 ft., 2 ft., 2 1/2 ft., 3 ft., 4 ft., 5 ft. and 6 ft. Market Prices.



Ornamental Fences and Gates



Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

Our fabrics are made by cabling horizontal wires and inserting, at regular spaces, heavy upright or picket-wires which are corrugated either at intervals or continuously to engage the cabled line-wires, reversing the twist of the cable on each picket—thereby causing the cables to become firmly seated in the corrugations of the uprights, thus forming an immovable joint, and providing for contraction and expansion. Will not unravel when cut. Made of copper bearing steel.

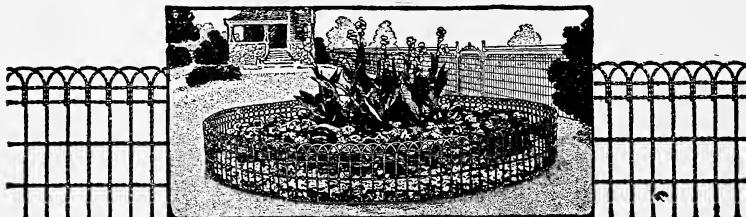
STYLE 600—SAME AS CUT ABOVE

36 inches high	14c lineal foot—Roll 12c ft.
42 inches high	15c lineal foot—Roll 13c ft.
48 inches high	18c lineal foot—Roll 14c ft.

STYLE 100, WITHOUT LOWER WEAVE

36 inches high	12c lineal foot—Roll 9c ft.
42 inches high	14c lineal foot—Roll 11c ft.
	Tree Guards, \$1.98

PERFECTION FLOWER-BED GUARD AND LAWN BORDER



PERFECTION

22 inches. 16 inches
11c per ft. 10c per ft.

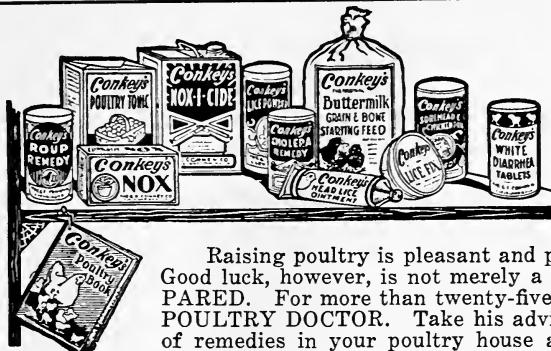
Roll
8c per ft. 7c per ft.

A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. No posts are required to hold it in place, as the picket ends are left projecting for insertion in the ground. Uprights are of No. 9 and cables of No. 13 heavily galvanized wire.

ORNAMENTAL WALK GATES

Cyclone Ornamental Gates are made to match any of our styles of fabric. Frames are of high grade steel tubing, with fittings of high-grade malleable iron and wrought steel. Same style as above we quote:

36x36 Plain	\$ 3.00	36x36 Fancy	3.75	48x36 Fancy	4.50
42x36 Plain	3.50	42x36 Fancy	4.00	42 in. x 10 ft.	9.00
		42x42 Fancy	5.00		



Have a Conkey Corner in Your Poultry House

Raising poultry is pleasant and profitable when "good luck" is with you. Good luck, however, is not merely a matter of chance, but of BEING PREPARED. For more than twenty-five years Conkey has been THE POULTRY DOCTOR. Take his advice. Install a Conkey Corner of remedies in your poultry house as insurance against disease, trouble, loss and disappointment. We sell Conkey's Poultry and Stock Remedies because we know they are reliable and we can guarantee them as follows:

Your money refunded cheerfully if any Conkey Remedy does not satisfy.



Conkey's Roup Remedy

When Roup breaks out there's no time to experiment—start treatment at once—the disease is very contagious. Cold, rainy weather and changeable conditions intensify Roup. When birds sneeze, froth in eyes, or run at nose put Conkey's Roup Remedy in the drinking water. Sick birds doctor themselves and others are protected from catching the disease. Better still, always at the first sign of "roupy weather," place Conkey's Roup Remedy in fountains—it's a great preventive.

Pkgs. 30c, 60c, \$1.20; or 35c, 65c, \$1.30 postpaid; 1½ lb. can \$2.50 postpaid; breeder size (5 lb. can) \$5.75 postpaid.

Conkey's Roup Pills

Pkgs. 30c, 60c, \$1.20; or 35c, 65c, \$1.30 postpaid; breeder size (1000 pills) \$8.00; or \$8.10 postpaid.

Conkey's Cholera Remedy

Pkgs. 25c, 50c, \$1.00; or 30c, 55c, \$1.10 postpaid; breeder size (5 lbs.) \$2.50; or \$2.65 postpaid.

Conkey's Canker Remedy

Pkg. 50c; or 55c postpaid.

Conkey's Poultry Laxative

Pkgs. 25c, 50c; or 30c, 55c postpaid; breeder size (5 lbs.) \$2.75 or \$2.90 postpaid.

Conkey's Nox-i-cide

Poultry Disinfectant and Stock Dip

Pint 50c; Quart 80c; ½ Gallon \$1.80; Gallon \$2.00; 5 Gallons \$9.25; 10 Gallons \$17.75. Parcel post, express or freight charges extra.

Conkey's Sorehead Remedy

Pkgs. 25c, 50c; or 30c, 55c postpaid; breeder size (1 lb. salve, 5 lbs. powder), \$3.50; \$3.65 postpaid; 10 lbs. powder only, \$8.50; \$8.65 postpaid.

Conkey's Gape Remedy

Pkgs. 25c, 50c; or 30c, 55c postpaid.

Conkey's Poultry Conditioner

Pkgs. 25c, 50c; or 30c, 55c postpaid.

Conkey's Limberneck Remedy

Pkg. 50c; or 55c postpaid.

Conkey's Scaly Leg Remedy

Pkg. 25c; or 30c postpaid.

When ordering any remedy by mail always send postpaid price.



Conkey's White Diarrhea Remedy

Once you have used this old reliable preparation, you will never be without it. As a preventive of bowel troubles, White Diarrhea and other digestive complaints, it has given great satisfaction for many years. Once started diarrhetic conditions often sweep away the whole hatch—hundreds of chicks. Play safe—keep this remedy in the drinking water until the danger period is past. This remedy is also recommended as a preventive measure and for treatment of coccidiosis.

Packages 30c, 60c, \$1.20 all postpaid; breeder size (1200 Tablets) \$4.00, \$4.10 postpaid.

Conkey's Blackhead Remedy

Packages, 50c; 55c postpaid.

Conkey's Poultry Worm Remedy

Packages, 25c, 50c, 80c, 55c postpaid; breeder size (5 lbs.), \$2.75; \$2.85 postpaid.

Conkey's Lice Powder

(Contains Sodium Fluoride)

Packages, 20c, 35c, 75c, pails 12-lb., \$2.60; 25-lb., \$5.00; Parcel post, express or freight extra.

Conkey's Mite Liquid

Cans—Qt., 60c; 2-qt., 90c; gallon, \$1.50; 5-gal., \$7.00; Parcel post, express or freight extra.

Conkey's Head Lice Ointment

Pkgs., 10c, 25c; or 15c, 30c postpaid.

Conkey's Lice Fix

Pkgs., 25c, 50c; or 30c, 55c postpaid.

Conkey's Fly Knocker

Cans Qt., 60c; ½ gal., 90c; gallon, \$1.50; 5-gallon, \$7.25; 10-gal., \$14.00. Parcel post, express or freight extra.

Conkey's Stock Tonic

Pkgs., 25c, 50c, \$1.00; pails, 12 lbs. \$2.10; 25 lbs. \$8.45; bags, 50 lbs. \$5.25; 100 lbs. \$10.00. Parcel post, express or freight extra.

Conkey's Poultry Tonic

Buy it by the pail. Packages 25c, 50c, \$1.00; pails 12-lb., \$1.60; 25-lb., \$3.00; bags, 50-lb., \$5.00; 100-lb., \$9.50. Parcel post, express or freight extra.

Water-Glass For Preserving Eggs

1 qt. Jars	30c
2 qt. Jars	50c
4 qt. Jugs	75c

Charcoal

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

No. 2. Fine, for use on mash mixtures.

No. 1. Medium, for small chicks.

No. 0. Coarse, for fowls, 1 lb. 10c.

5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.00
50 lbs., \$1.75 100 lbs., \$3.25

Ground Bone

Fine and Granulated.

Ground Bone is made from Dry Bone, and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

Prices on application.

Gold Leaf Tobacco Powder

Controls Round Worm in Poultry

Mix 2 pounds of GOLD LEAF TOBACCO POWDER in 100 pounds of your customary mash.

Feed this mixture regularly for two or three weeks and then discontinue for the same period. Alternate this treatment as long as is necessary.

Thoroughly clean and disinfect the house; provide new litter and keep the birds off infected ground.

2 lbs., 30c 10 lbs., 90c 100 lbs., \$7.00

Coal Brooders



It Has All the Latest Improvements
It Is Guaranteed to Give Satisfaction

No. 9 Capacity 500 Chicks \$14.75
No. 10 Capacity 1000 Chicks 18.50
No. 12 Capacity 1200 Chicks 22.50

Pilling Caponizing Sets

The Farmer's Caponizing Set	\$7.00
The Farmer's Caponizing Set	4.00
The Philadelphia Caponizing Set	3.50
The Plain Caponizing Set	2.75

Full Instructions for Use With Each Set

Crushed Oyster Shells

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb., 5c; 5 lbs., 20c; 25 lbs., 50c; 100 lbs., \$1.25.
One ton \$21.00

Crystal Grit

We supply four sizes of grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb., 5c; 5 lbs., 20c; 25 lbs., 60c; 100 lbs., 1.50

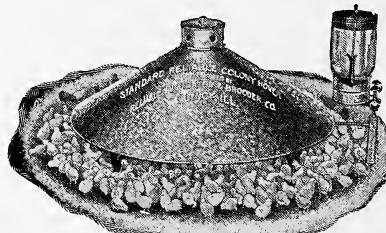
Foust's Health Grit

1 lb., 5c; 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$2.00.

Seeds and Grains

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kaffer Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

Oil Brooders



IMPROVED RELIABLE VALVELESS OIL LEVEL, BLUE FLAME HOVER

This hover has the same chick capacity as the coal burning brooder. They are made in three sizes, 30 inch, 42 inch, and 52 inch hover. A few of the special points on this oil heated hover are as follows:

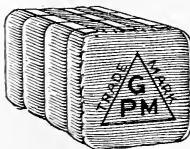
Burns Coal Oil. No Wick to Trim. Steady Blue Flame. Abundance of Heat. Comfortable and Easy to Operate. No Oil Fumes. Visible Oil Feed. Economy of Operation. Convenient and Safe. No Coal, Smoke or Gas. The Flow of Oil is Regulated Automatically.

	Hovers only	Canopy only	Complete
O 30 in., 250 Chicks	\$12.50	\$5.50	\$14.40
1 42 in., 500 Chicks	12.50	6.50	14.85
2 52 in., 1,000 Chicks	12.50	8.00	16.90

A Clean, Odorless, Disease-Free Substitute for Manure Free from Weed-Seed. Entirely Unlike Any Domestic Product

IMPORTED GRANULATED **PEAT MOSS** TORF MULL

assures better lawns and gardens. It will lighten and make more friable clay soil and will help to retain the moisture in sandy soil. Use it wherever a mulch is needed. Improves Roses, Dahlias, Gladiolas, Peonies. Foliage and Vegetables. Absolutely necessary for good Rhododendrons and other Broad leaved Evergreens; also the Cone Bearing Evergreens.



Bales containing sufficient material to cover 240 square feet, one inch deep, \$4.00 per bale

“O. K.” SANITARY POULTRY LITTER

Peat Moss Will Do for you What It Has Done for Others—

O. K. POULTRY LITTER

“—controls trouble with cold, wet floors and consequent disease.”

Is a light, natural, imported Peat Moss—different from any domestic material—no other product similar.

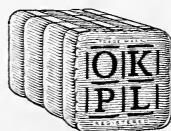
Used at the

Its Use

NEW JERSEY STATE
EGG LAYING CONTESTS
VINELAND & WESTWOOD

ASSURES WARM FLOORS
PREVENTS DAMPNESS
DECREASES MORTALITY
INCREASES EGG PRODUCTION
DEODORIZES THE DROPPINGS

with entire satisfaction



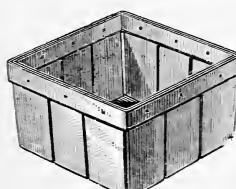
Price \$4.00 Bale

Send for sample and literature

When removed from the houses or borders it is easily sold at a profit as a FERTILIZER HUMUS. FLORISTS, NURSERYMEN and GARDNERS use PEAT MOSS in quantity.

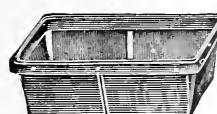


16 Qt. Peach Baskets



1 Qt. Strawberry Baskets

Price on Application



2 Qt. Pansy Baskets

For Health, Eggs and Profit Use

Pratts,



Pratts,

POULTRY REGULATORS
REMEDIES, LICE KILLERS
AND BABY CHICK FOOD

POULTRY REGULATORS

The original and leading poultry regulator. Added to any mash it makes more eggs and better health. Not a dope or stimulant. Use it the year round to supply minor food necessities, tone up system, aid digestion, regulate bowels, ward off disease, increase vitality and make greater profits. Satisfaction or your money back. 25c, 50c and \$1.10 pkgs. 12 lb pail \$1.65, 25 lb pail \$3.00, 50 lb drum \$5.50 and 100 lb drum \$10.00.

Pratts,

BUTTERMILK BABY CHICK FOOD

Start your chicks right on the original "baby food for baby chicks." Pays for itself in the extra chicks you save and raise. Made of finest, clean, pure, selected ingredients, mechanically predigested. Leg weakness, diarrhea and other chick troubles are avoided. Absolutely guaranteed. In packages and 10, 14, 25, 50 and 100 lb bags.



Pratts,
White Diarrhea
Tablets

Use them in the drinking water for the first ten days and avoid losses. They are cheap "life insurance for baby chicks." A wise investment for every chick raiser. 25c and 50c pkgs.



Pratts,
Roup Remedy
(Tablets or Powder)

Made in powder and tablet form for flock or individual treatment. Very effective in treating or preventing colds, roup, catarrh, diphtheria, etc. Keep a box on hand for emergencies. 25c, 50c and \$1.00 pkgs.



Pratts,
Poultry Worm
Powder

A safe, sure and easy way to rid flocks of round, tape and other common intestinal worms. Costs only about half a cent per bird. Fully guaranteed. 50c pkg.; 25 lb \$3.00; 100 lb \$9.00.

Pratts,
Powdered
Lice Killer

A powerful, safe, non-poisonous powder for use on fowls, in nests and dust baths. Also rids horses, cows, sheep, dogs, cats, etc., of lice, fleas and other vermin. Easy and cheap to use. 25c and 50c sifter top cans.



Pratts,
Poultry
Disinfectant

Cheap, powerful, safe disinfectant. A gallon makes a barrel. Acts as a disinfectant, deodorizer, germicide and liquid lice killer. Use it to prevent spread of contagious diseases. 1 qt. 55c, 2 qts. 90c, 1 gallon \$1.50.



Other Pratts, Remedies

Condition Tablets—To relieve colds, catarrh, mild cases of roup; for tuning up system after attack of colds, bronchitis, liver or bowel trouble. 1/4 oz. 25c; 5-8 oz. 50c.

Sore Head Chicken Pox Remedy—2 1/2 oz. 30c, 7 oz. 60c.

Scaly Leg Ointment, 25c.

Fly Chaser—1 qt. 50c, 2 qts. 85c, 1 gal. \$1.35.

There's a Guaranteed Pratt Remedy for Nearly Every Curable Disease

OTHER GUARANTEED PRATTS REMEDIES

Pratts Special Compound, 25c and 50c (for cholera).

Pratts Condition Tablets, 25c and 50c.

Pratts Head Lice Ointment, 35c.

Pratts Gape Remedy, 25c and 50c.

Pratts Sore Head-Chicken Pox Remedy, 35c and 70c.

Pratts Red Mite Special, 55c, 90c and \$1.50.

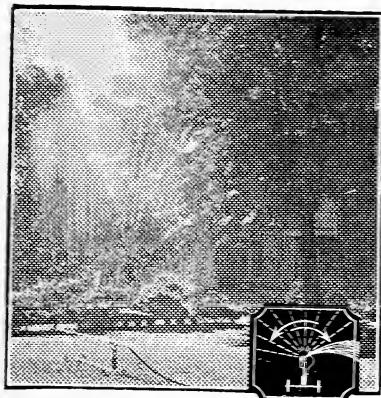
Pratts Poultry Worm Powder, 50c. \$3.00 and \$9.00.

Pratts Fly Chaser, 85c and \$1.25.

March Automatic Rain-maker

The New and Modern Way of Keeping Lawns Green—Gardens Growing—Flowers Beautiful

Its Beautiful Fountain-Like Operation is an Asset to Every Lawn



HERE ARE A FEW OF ITS ADVANTAGES

1. No hose holding
2. Larger coverage—few changes necessary.
3. Lesser hose investment
4. Waters square areas only—No dry spots
5. No stepping on watered area—just hose to move.
6. Easily adjusted to smaller areas
7. Water falls like natural rain
8. No digging in on new ground
9. No drowning or souring of soil
10. Easily moved and stored when not in use
11. Use common garden hose
12. Uses less water—saves labor

GOODWIN GRASS SHEARS are made to cut grass. They're built to get around close corners easily with the buckles well up out of the way. But that isn't all—Goodwin's are easy on the wrist. The grip is natural. Ball bearing action, blades sharpened enduringly from point to hilt. Will swing through a month's growth of edge grass without an ache. **Price \$1.50.**

Thriving Beautiful Lawns
are obtained with the
RAIN-MAKER

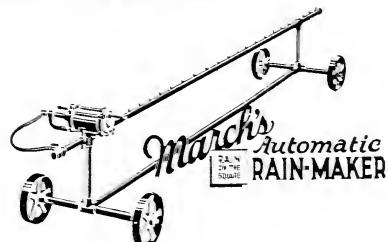
The natural rainlike fall of water develops deeper root growth without disturbing soil—Dissolves soluble matter in fertilizer—No burning.

BEAUTIFUL FLOWERS—SHRUBS and GARDENS are the result of watering the MARCH way. Your Florist uses the Overhead System to produce prize winning blooms. You, too, may enjoy the best with less labor.

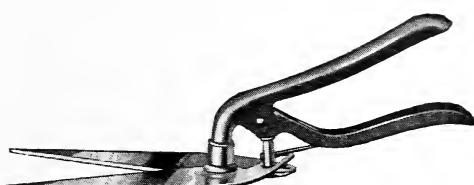
Use a RAIN-MAKER

It's Automatic!!
Fascinating!!
Efficient!!

Have a
Demonstration
Today



Study these pictures—they tell the story. The entire pipe, bearing the nozzle outlets, is slowly rotated back and forth by the TURN-MOTOR, giving even distribution and perfect coverage.



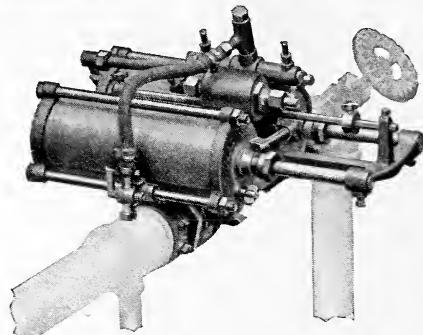
"Irrigation Headquarters" — March's Irrigation



The Ten Outstanding Points of March's Super System

1. FROST PROTECTION to temperature of 26 degrees.
2. Reproduction of natural rainfall within 15 per cent. variation. Guaranteeing uniform even water distribution over field with maximum yield and quality possible to attain. (Closest competitor over 150 per cent.)
3. Dependable TURN-MOTORS. There are over 50 to 1 more March Turn-Motors in use than all competitors combined.
4. Complete SOLID BRASS EQUIPMENT. Everything but the pipes and posts themselves made of this life-time lasting material and furnished only by us. Irrigation is not brought every day and 15 to 20 years more service is desirable as well as lowest in cost and maintenance.
5. LARGER SIZE PIPES IN LINES. (Smallest size 1 inch.) Better volume and water distribution along full length of line.
6. PATENTED LONG THROW NOZZLES INDIVIDUALLY SCREENED. (Five to 10 foot longer throw with same pressure.) Screens practically eliminate plugging up troubles.
7. GRADUATED SIZE DISCHARGE NOZZLES. A special feature found only in MARCH SYSTEM. Worked out after three years' study and experimentation. Guaranteeing even water distribution.
8. AUTOMATIC FLUSH VALVE. (Patent applied for.) All lines drained and cleaned automatically with no attention. Eliminates clogging of pipes and nozzles. Prolongs life of system if water has lime or other chemical content.
9. NON-CLOGGING, SELF-PACKING TURNING UNIONS of solid brass, non-corrosive and rust-resisting. A big feature and appreciated by every practical grower.
10. SIMPLICITY OF INSTALLATION. Very important to every buyer. With complete and understandable instructions and specifications the ordinary man does not need the services of a plumber. Work is done in half the ordinary time. We will also contract your job —get our estimates.

REMEMBER—Your only idea in buying irrigation is from the profit to be made from its use. If you buy on a business basis you will buy MARCH'S.



March Twin Turn Motor

Turns lines 300 feet long on 25 pounds pressure. Will turn lines up to 660 feet long. Guaranteed on 50 pounds pressure. Lines turn 2 to 3 times per minute depending on pressure. It is especially timed for frost protection and is recognized throughout the country as the only successful FROST PROTECTION MOTOR.



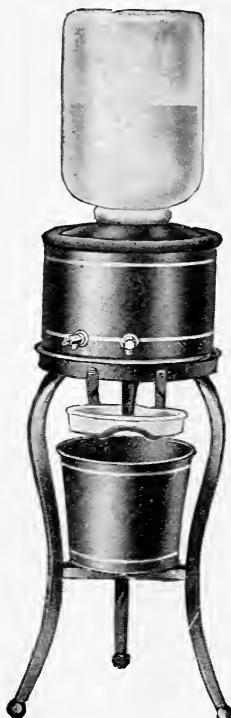
Wooden Post Hanger

MARCH'S HANGERS have several exclusive improvements. The main object of a hanger is to enable a pipe line to roll with least amount of friction and wear and to reduce wear on automatic Turn-Motor and to save water pressure. These hangers have 2 point roller bearing. "Pin" extra large. Never is there a possibility of rusting. Are complete brass throughout. Outlasts other hangers 30 years. Lasts a lifetime. Can be used with any make irrigation line.



Screened Field Nozzle

WATER COOLERS



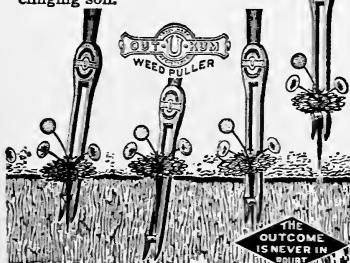
THE "OUT-U-KUM"

WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price 65c



LAWN SWINGS

With Awnings to Match



PORCH SHADES

Clipwood Porch Shades

4 Foot	6 Ft.	Drop	\$
5 "	"	"	3.98
6 "	"	"	4.98
7 "	"	"	5.48
8 "	"	"	6.48
10 "	"	"	6.98
			10.00



24 in. \$1.50 36 in. \$2.75

30 in. \$1.98 42 in. \$3.48

48 in. \$4.50

FOODS FOR DOGS AND CAGE BIRDS



Spratt's Song Restorer

An invigorating tonic and treat for Canaries, Linnets, Gold-finches and Seed-eating birds.

Spratt's Fibo

A unique granulated food, containing a large percentage of Spratt's world-famous Meat Fibrine. It is very appetizing and highly recommended for shy and dainty feeders, as a change of diet or as a suitable food for any dog at any time. Can be given either dry or soaked.



Spratt's 'Sing-Song'

An appetizing food and pick-me-up for all songsters.

Meat Fibrine Dog Cakes
For sixty years the standard dog food, used by the leading breeders and fed at the principal dog shows throughout the world. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing a copious flow of saliva which materially aids digestion.



Build a Better Lawn - Make a Richer Garden

Ideal Soil Improver for Lawns, Flower and Vegetable Gardens

HYPER-HUMUS is pure organic material from an especially fine natural deposit. It is thoroughly aerated and then specially processed to prepare it for commercial and home use.

Hyper-Humus is odorless and weedless. It also acts as a de-odorizer, absorbing objectionable odors.

Whatever the character of your soil, Hyper-Humus will make it more productive. It lightens and aerates clay soils; it binds together sandy soils and makes them more compact. Most important of all, it increases the water holding capacity of all soils. There is no better medium for nitrifying and other useful soil bacteria.

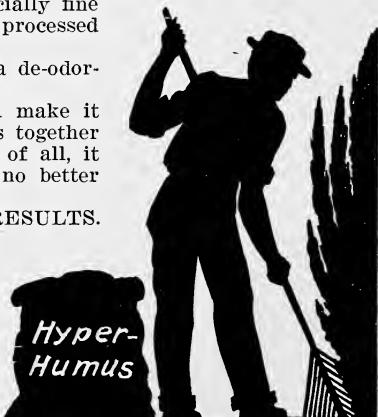
Hyper-Humus **MUST BE** mulched into the soil for **BEST RESULTS**.

Prices of Hyper-Humus, F. O. B. Paterson, N. J.

Delivered Free to Any Address in Paterson and Suburban Towns

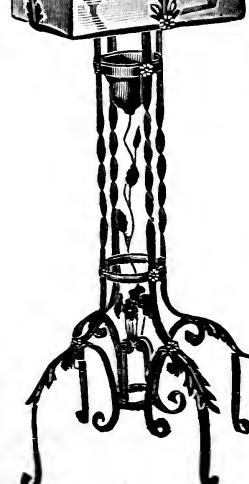
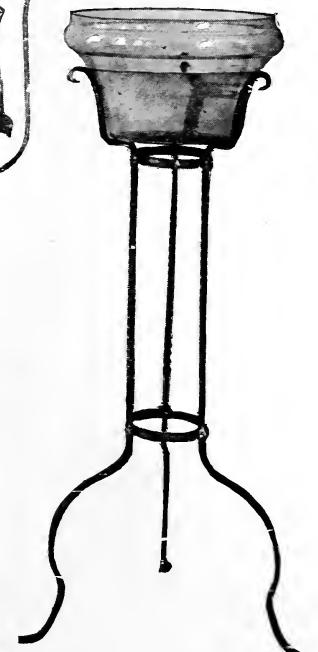
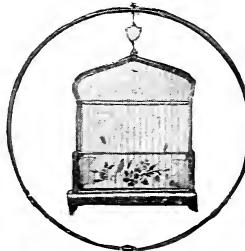
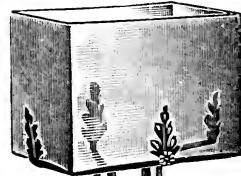
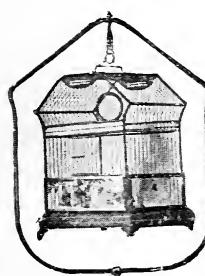
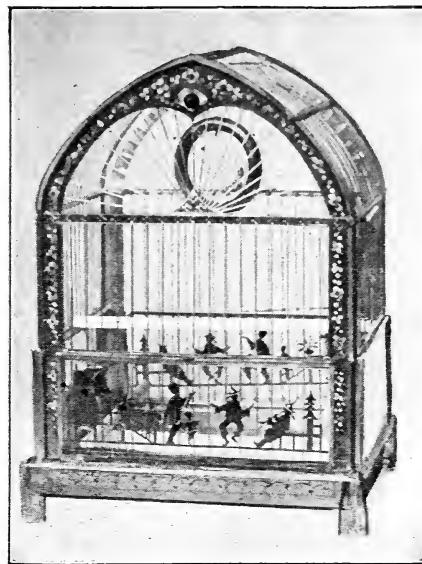
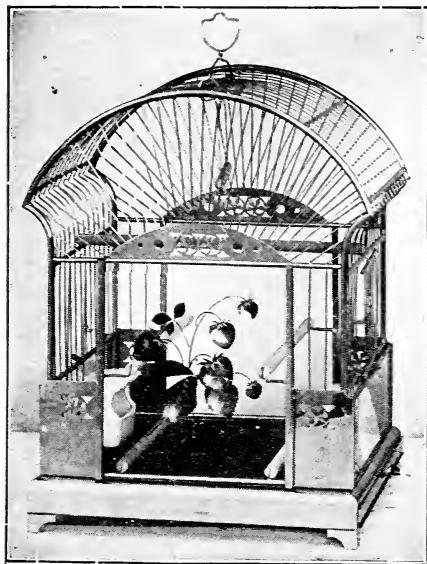
\$1.50 PER 100-LB. BAG \$25 PER TON, IN BAGS

Ton rate allowed on purchases of 500 lbs. or more
100 lbs. of Hyper-Humus Will Cover 30 Sq.Ft. One Inch Deep



Hyper-Humus *Corrects Soil Texture*
"Puts the Top in Top Soil" **Holds Soil Moisture**

BIRD CAGES AND AQUARIUMS



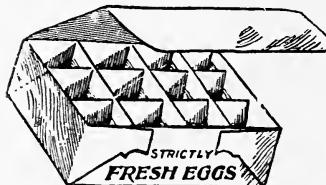
Get Our Prices Before Going Elsewhere

GARDEN HOSE



Tuxedo, $\frac{3}{4}$ in., 10c Ft.
 Palisade, $\frac{3}{4}$ in., 16c Ft.
 Jubilee, $\frac{3}{4}$ in., 20c Ft.
 Magic, $\frac{3}{4}$ in., 23c Ft.

Chip Paper Egg Boxes



Just the thing for your family egg trade, they ship knocked down can easily be set up.

Extra heavy, 1 doz. size, 15c dozen.

\$1.25 Per 125; \$7.00 Per 1,000

Long style 2x6 25c doz., \$1.25 per 100;
 \$11.00 per 1,000.

Protect Your Seed Corn

During the period when it is most easily damaged, by ridding your crop of crows and other corn-pulling birds and animals. It saves loss of seed and labor of replanting. It positively will not clog any planter. It is non-poisonous and will not injure the seed or any kind of corn. It is more effective, more convenient to use, and more economical than any other material.

Large Can (enough for 2 bu. of seed corn) \$1.50
 Small Can (enough for 1 bu. of seed corn) \$1.00

Stanley's CROW REPELLENT

RAX

A scientific, safe and sure method for the wholesale destruction of Rats, Mice, Gophers and other rodents

Not a Poison

They Die Outdoors

Harmless to all animals. Properly used, success is certain.

Price 75c

Aluminized Metal Egg Crates

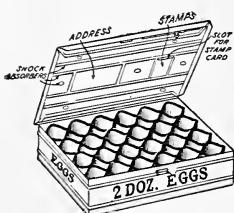
For Parcel Post

Indestructible; made for interchangeable shipments; lasts for years; pays for itself in a few shipments. Buy yours now and realize more money for your Eggs. Your friends want them. Thousands now in daily use.

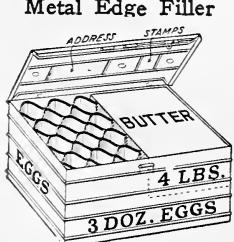
The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying Eggs by mail. Light in weight and very strong.

Price of Eggs in the city is about double the price obtained by the farmer at a local store for selected Eggs. You might as well be receiving this added profit by shipping your Eggs direct.

Butter and Eggs safely carried by mail in same crate. Can also be used in sending other products. Write us about different sizes and prices.



Metal Edge Filler



1½ Doz. size, all eggs	New Model	\$1.25
2 Doz. size, all eggs	New Model	1.50
3 Doz. size, all eggs	New Model	1.75
4 Doz. size, all eggs	New Model	2.00
6 Doz. size, all eggs	New Model	2.50
9 Doz. size, all eggs	New Model	3.25

TOBACCO DUST

Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms ants, also any house bugs or vermin. 25c per pound. Special price in quantity lots.

DOG CAKES

Bone Shaped

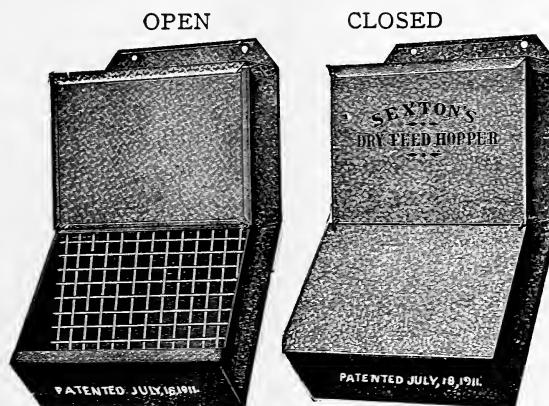


Actual Puppy Size

Price 18c and 40c Package

Spratt's Dog and Puppy Cakes

Dog Cakes, 14c lb.—Puppy Cakes, 14c lb.
Spec. Price in Quantities



OPEN

CLOSED

**Disinfectant
LICE KILLER****GERMICIDE****ZENOLEM DISINFECTANT
ANIMAL DIP.**

Eight ounce can, 35c. Quart can, 75c.
One Gallon, \$1.75. Five Gallon can, \$8.50.

**SEXTON'S DRY FEED
HOPPER**

(Patent Pending).

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "Rat and Mouse Proof."

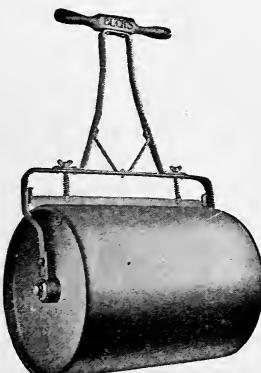
No. 1, Poultry Size \$1.25 each
No. 2, Chicken Size \$1.48 each
No. 5, Extra Large \$2.98 each

Easy to Fill No Waste
Rat Proof Dust Proof

LAWN RAKES

3 Bow Lawn Wire Bow \$.98
Wire Lawn Rakes 1.00
3 Bow Lawn Wood Bows90

10 Tine Malleable Rake \$0.45
12 Tine Malleable Rake50
14 Tine Malleable Rake60

**BUCHS LAWN ROLLER**

Water Filled

Length and Weight precisely as listed.
Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.

Plain Bearing		Pounds	Price
No. 2 Water Filled		175	\$12.50
No. 4 Water Filled		265	14.50

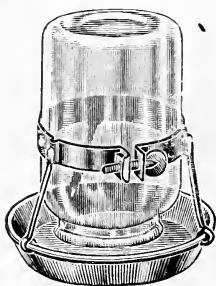
No.	Inches	Inches	Sections	Pounds	Price
No. 5	18	24	1	265	\$18.00
No. 7	24	24	1	420	21.00

Something New for the Chickens

FELKER'S HANDY ATTACHMENT

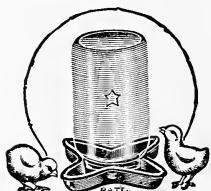
To be used with any make of Fruit Jar
A PERFECT FEEDER

For Sour Milk, Water, Hard Grain or Grit



The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The HANDY is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar--the HANDY fits them all. Price 25c.

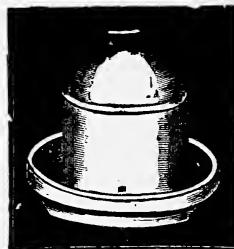
Star Jar Fountain and Feeder



The most simple, practicable and durable Mason Jar Found on the market.

Will fit pint, quart or one-half gallon Mason jar.

Star Jar Fountain Pan without jar ... 10c
Pan with jar 20c



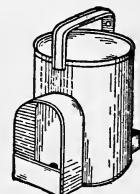
Earthenware Fountain

This fountain is the only kind made in this form—2 sections—in earthenware. They can be easily cleaned; and if frozen, can be refilled without trouble. They keep the water always fresh and cool.

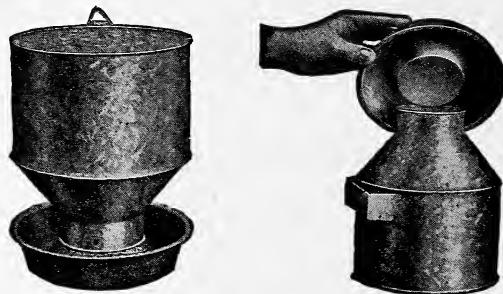
2 Piece, each 1 quart, 35c; 2 quart, 40c; 1 gallon, 60c; 2 galltns, 90c.

Wall Fountain

1 quart	40c
2 quart	75c
4 quart	90c
8 quart	1.10



Sexton Up-to-Date Fountain



YOUR HEDGE

IS A

LIVE FENCE

USEFUL
ORNAMENTAL
BEAUTIFUL

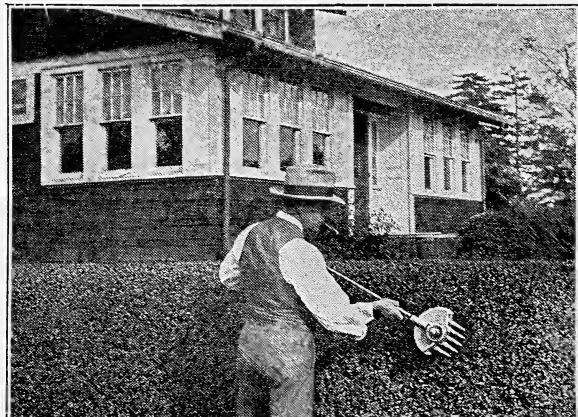
Now You Have The
**SPEED ELECTRIC
HEDGE TRIMMER**

It Has But One Moving Part
Trims Hedge Rapidly, Easily,
Economically

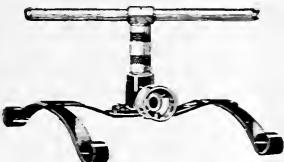
ELIMINATES HARD WORK

The Speed Electric Hedge Clipper will pay for itself in a single season. It operates so rapidly and accurately that no branches are ripped or torn. An expert can do little better than you. Cutting blade is inexpensive and easily replaced with new blade. Blade is easily sharpened. Ready for operating when connected to an ordinary electric light socket.

Price \$45.00

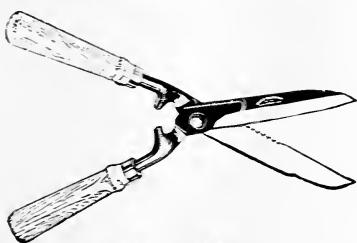


VILLAGE BLACKSMITH LAWN SPRINKLERS



sprinkler, at the rate of about 5 gallons per minute. All Tubes and Connections are brass. Black Finish—Steel Sled Stand. **Revolving Sprinkler.** No. 5—Stands 4 inches high with revolving head. Price \$1.75.

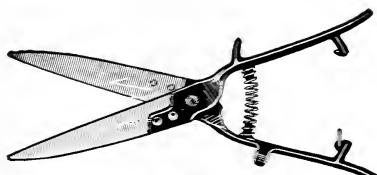
No better apparatus made to distribute water on lawns. DURABLE. SIMPLICITY OF CONSTRUCTION. ATTRACTIVE ACTION. FOOL PROOF. SATISFIES. STAYS SOLD. Revolves rapidly on High or Low pressure. Will not stick. Friction at wearing points reduced to the minimum by use of water absorbing washers and perfect machining. No chance to clog, quick clean-outs provided. Ground covered evenly over 20 feet from



No. 660
Ladies' Hedge Shears
Serrated Cutting Edge
Price \$1.69



No. 3
Grass Hook
Price 59c



No. 3
Grasnipps
Price 75c



No. 600
Flint Brand Scythes
Price \$1.98



No. V 149
Pruning Shears
Price \$1.59

Mann's Pat. Bone Cutters

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machines on the market today for cutting green bones.

No. 5 B \$12.50, No. 5 BM with legs, \$16.00,
No. 7, with legs, \$22.00

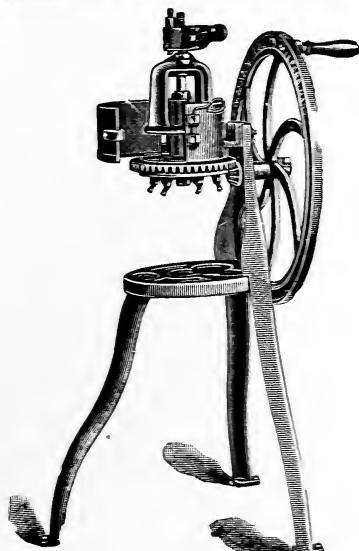
No. 32 Hand Mills

In these mills are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16 inch flywheel and is light running.

The capacity of this mill is not equalled by any other of the same size.
Shipping weight 40 pounds. Capacity 1 to 2 bushels per hour. Price, \$4.98.



MANN'S PAT BONE CUTTER



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Foreign Names of Vegetables and Herbs

ENGLISH	GERMAN	FRENCH	ITALIAN	HOLLAND
Anise	Anis, Grvener	Anis	Anaso, Anacio	Anijs
Artichoke	Arrischocke	Artichaut	Articoccia	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Asperges
Balm	Citronen Melisse	Melisse citronelle	Melissa	Citroen Melisse
Basil	Basilikum	Basilic grand	Basilico	
Beans	Bohnen	Haricots	Fagioli	
Beet	Ruebe	Betterave	Barbabietola	
Borage	Boretsch	Bourrache	Boragine	
Broccoli	Spargelkohl	Chou Brocoli	Cavol brocolo	Spruitkool
Brussels Sprouts	Roseukohl	Chou de Bruxelles	Cavolo agermaglia	Slutkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Savooikool
Cabbage Savoy	Wirsing	Chou de Milan	Cavolo di Milano	Karvij
Caraway	Feld Kuemmel	Chou des pres	Carvi	Wortelen
Carrot	Carrotten, Moeliren	Carotte	Carato	Bloemkool
Cauliflower	Blumenkohl	Chou-fleur	Cavolo flore	Seiderij
Celeri	Sellerie	Celeri	Sedano	Knoise erji
Celeriac	Knoll-Sellerie	Celeri-rave	Se ana rapa	Kervil
Chervil	Kerbet	Cerfeuil	Cerfolgio	
Cichory	Chicoreen Wurzel.	Cliocoree sauvage	Cicoria Wselvatica	
Coriander	Coriander	Coriandre	Coriandorio	Korlander
Corn Salad	Feldsalat	Mache	Valeriana	Velesia
Corn	Mais	Mais		
Cress	Garen Kresse	Cresson aenois	Agretto	Tunkers
Cress, Water	Brunnen Kresse	Cressondefontaine	Nasturzio	Waterkers
Cucumber	Gurken	Concombre	Cotriolo	Komkomer
Dandelion	Loewenzohle	Pissenlit	Dente di leone	
Dill	Dille	Aneth	Aheto	
Egg Plant	Eier Pflano	Aubergine	Pentonciano	
Endive	Endiven	Cicoree-Endive	Indivia	Andijive
Fennel	Fenchel	Fenouil	Finnochio	Nedkel
Garlick	Knoblauch	Ali	Agho	Knolook
Horse Radish	Meer Rettig	Panifort sauvage	Ratano	Peperwortel
Hyssop	Isop	Hyssope	Issopo	Hijsoop
Kale	Blaetterkohl	Chou-vert	Cavolo verde	Boerkool
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa	Koekrabi
Lavender	Lavendei	Lavende	Javada	
Leek	Porre Lauch	Poireau	Porro	Prei
Lettuce	Lattich Kopfsalat	Laitue	Lattuga	Kropsia
Marjoram	Marjoram	Marjolaine	Maggiorana	Marjolijn
Melon	Melone	Melon d'eau	Melon	Meleon
Melon, Water	Wasser-Melone	Champignon	Cocomera	
Mushroom	Schwamm	Capucine	Fungo pratajole	Kampernoelle
Nasturtium	Kupuciner Kresse	Gombbeud	Nasturzio	Capucine-Kers
Okra	Ocher	Cgnon	Ihisco	Ci Uien
Onion	Zwiebel	I'ersil	Cipollo	Peterselit
Parsley	Zatersille	Panais	Prezemolo	Pinksternadel
Parsnip	Pastinake	Pois	Pastinaca	Erwten
Peas	Erbesen	Piment	Pisello	Spaansch Peper
Pepper	Pfeffer	Potiron	Peperone	Radi's
Pumpkin	Melonen-Kuerbiss	Radis	Zucca	Rabarber
Radish	Radies	Rhubarbe	Ravanello	Rosemarijn
Rhubarb	Rhalbarber	Romarin	Rabarbaro	Mijnault
Rosemary	Rosmarin	Rue	Rosmorino	
Rue	Rauté	Safran	Rafferano	Salle
Saffron	Safran	Sauge	Saliva	
Sage	Saldel	Salsifs	Barbarli becca	
Salsify	Haterwurzel	Oseille	Aetosa	Zuring
Sorrel	Sauerkrampfer	Sarriette annulle	Santoreggia	Boonenkruid
Summer Savory	Bohnenkraut	Spinat	Spinnaccio	Spinazie
Spinach	Kuerbijs	Courge	Zucca	Pompeon
Squash	Gemeiner-rainfarn	Tanaise	Atansia	
Tansy	Thymian	Thym	Timo	Tijm
Thyme	Liebessapfel	Pomme d'Amour	Pomo d'oro	Tomaat
Tomato	Weisse-Reube	Navet	Navone	Rapen
Turnip	Wermuth	Absinthe	Assenzio	Sulkerij

PLANTING CALENDAR

FÉBRUARY—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

MARCH—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Beans.

APRIL—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

MAY—Plant in Open Ground. Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

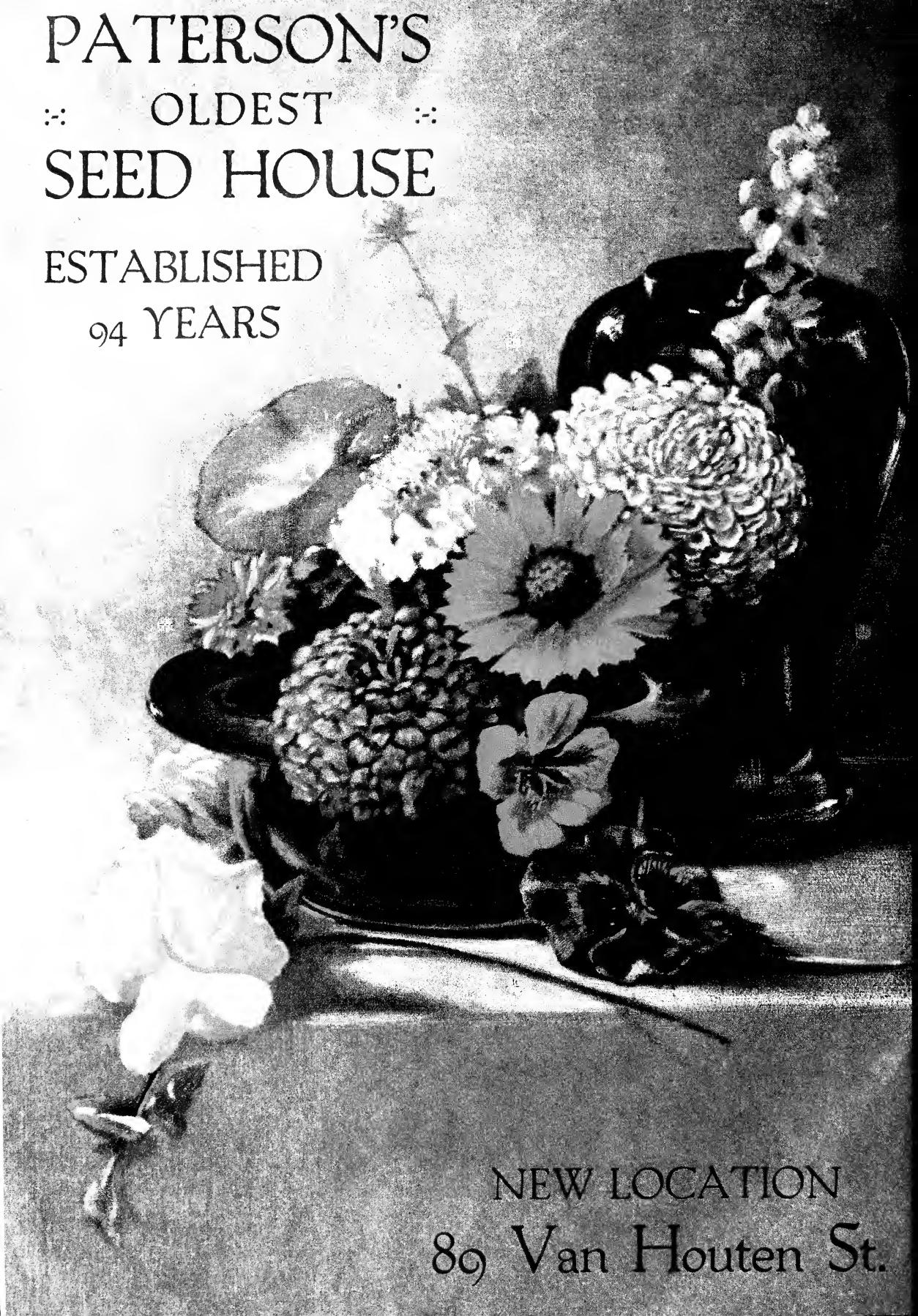
JUNE—Plant in Open Ground. Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Parsnip, Radish, Salsify, Spinach, Squash, Ruta, Baga, Melon, Herbs.

JULY—Plant in Open Ground. Beans, Beets, Cauliflower, Celery, Carrot, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

AUGUST—Plant in Open Ground. Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

SEPTEMBER—Plant in Open Ground. Cabbage, Cauliflower and Lettuce for Wintering in cold frames; Asparagus, Celery, Mustard, Winter Radish, Spinach, Turnip.

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